



## MINOR SPECIAL USE PERMIT

## TOWNPLACE SUITES HOTEL B2000019

Meeting Date: August 25, 2020

Wiecening Date: August 25, 2020					
Reference Name	Townplace Suites Hotel Minor Special Use Permit (Case B2000019)			urisdiction	City
Request	A request for a minor special use permit to allow a hotel where the property line is 200 feet or less from a residential district or the property line of a single-family residential use.				
	Tier:	Urban			
	Use:	Vacant			
Site Characteristics	Zoning:	Office & Institutional (OI)			
	Overlays:	None			
Size:		1.10			
Applicant	Duke Hospitality, LLC Submittal Date March 3, 2020		n 3, 2020		
Location	3114 Hillsborough Road				
PID(s)	119548				
Staff Recommendation	Staff recommendation will make a recommendation following the hearing.				

## A. Summary

Duke Hospitality, LLC, applicant and property owner, requests a minor special use permit (mSUP) to construct a hotel at 3114 Hillsborough Road. The site is zoned Office and Institutional (OI) and within the Urban development tier. The applicant is proposing the construction of an eight-story hotel (basement parking) with 95 total bedrooms.

Per Section 5.3.4N of the Unified Development Ordinance, a minor special use permit shall be required if the property line of a hotel, motel, or extended stay residence is 200 feet or less from a residential district or the property line of a single-family residential use, unless such location is consistent with an approved development plan that specifies the type, size, and intensity of use.

## B. Summary of the Issues

Staff has identified no issues at the time of this report.

## **Recommended Conditions of Approval**

1. The improvements shall be substantially consistent with the information and site plan, case D1900376, submitted to the Board as part of the application.

## C. UDO Section 3.9.8: Criteria for Approval

## 1. UDO Section 3.9.8A General Findings

Applications for major or minor special use permits shall be approved only if the approving authority finds that the use as proposed, or the use as proposed with conditions, is:

- 1. In harmony with the area and not substantially injurious to the value of properties in the general vicinity;
- 2. In conformance with all special requirements applicable to the use;
- 3. Will not adversely affect the health or safety of the public; and
- 4. Will adequately address the review factors identified below.

If the Board of Adjustment fails to find conformance with the conditions listed above, or makes findings which are inconsistent with those conditions listed above, then the proposed permit must be denied.

The Board should consider the information provided in the staff analysis and conclusions for the following review factors when making determinations on the general findings.

The applicant has provided responses to the general findings and review factors in Attachment 3, Application – B2000019.

## 2. UDO Section 3.9.8B Review Factors

UDO Section 3.9.8B requires consideration of the review factors shown below:

## a. Circulation

Number and location of access points to the property and the proposed structures and uses with particular reference to automotive, bicycle, mass transit and pedestrian safety and convenience, traffic flow and control, and access in case of fire or catastrophe.

**Staff Analysis.** The site shall have a full access drive located on Hillsborough Road and a right-out-only egress located along the Hillandale-Hillsborough Connector.

## b. Parking and Loading

Location of off-street parking and loading areas.

**Staff Analysis.** The proposed overnight accommodation will have 95 rooms. Per UDO Sections 10.3.1.A.4 and B.1, the applicant is required to provide 1.25 parking spaces per room plus 1 per 100 square feet where there is a conference room, banquet hall, or restaurant. There are no conference rooms, banquet halls, nor restaurants proposed. The required minimum parking spaces for the proposed overnight accommodation is 119 parking spaces; of those a minimum of five are required to be handicapped accessible. Within the Urban Tier, the minimum parking

rate is 90% of the total required, or in this case, the applicant could provide a minimum of 108 parking spaces and still be in compliance. This 10% parking reduction coupled with additional 10% parking reduction for meeting the requirements of UDO Section 10.3.1B.9b relating to bicycle parking and public transit, allows the applicant a maximum 20% parking reduction to provide 97 motor vehicle parking spaces and 37 bicycle parking spaces. The proposed parking will meet UDO standards.

## c. Service Entrances and Areas

Locations of refuse and service areas with particular reference to ingress and egress of service vehicles.

**Staff Analysis.** A dumpster enclosure with gate is proposed on a paved extension in the northeast corner of the parking area (see site plan, Attachment 4). The dumpsters will be screened with fencing at least six inches taller than the dumpster per UDO Section 9.7.2B.

## d. Lighting

Locations of exterior lighting with reference to glare, traffic safety, economic effect, and compatibility with other properties in the area.

**Staff Analysis.** Lighting is proposed throughout the parking lot. The lighting has been placed and oriented to reduce spillover onto adjacent properties. The applicant is required to meet the requirements of UDO Section 7.4, Outdoor Lighting.

## e. Signs

Appropriateness of signs considering location, color, height, size, and design within the context of other properties in the area.

**Staff Analysis.** Any proposed signs will require a separate review and permit and must be in compliance with the Ordinance signage requirements. Signs are not reviewed during site plan review nor during the minor special use permit process.

## f. Utilities

Location and availability of utilities.

**Staff Analysis.** The site will be serviced by public water and sanitary sewer. Utility location has been reviewed and approved by the necessary departments.

## g. Open Spaces

Location of required yards and other open spaces, and preservation of existing trees and other natural features.

## Staff Analysis.

Per UDO Section 7.1.2B, the required yards that apply are as follows:

	,	/ · · · · · · · · · · · · · · · · · · ·
	Yard	Required Setback

Street	15 feet maximum
Side	10 feet minimum
Rear	25 feet minimum

The UDO does not require preservation of open space pursuant to sections 7.2, Open Space, or 8.3, Tree Protection and Tree Coverage.

## h. Environmental Protection

Preservation of tree cover, Durham Inventory Sites, floodplain, stream buffers, wetlands, steep slopes, open space and other natural features, and protection of water quality.

**Staff Analysis.** No Inventory Sites, floodplains, wetlands, stream buffers, or steep slopes exist on site.

## i. Screening, Buffering and Landscaping

Installation of screening, buffering, fencing, and landscaping where necessary to protect adjacent property.

**Staff Analysis.** Per UDO Section 9.4.2, project boundary buffers are not required where the adjoining street right-of-way is greater than 60 feet in width. The applicant is providing vehicular use area (VUA) landscaping in accordance with UDO Section 9.8.2A for VUA visible from the street. The proposed orientation has the rear side of the building facing the connector and the bulk of the parking lot facing outward to Hillsborough Road. The residential properties that are located within 200 feet are to the rear of the building further down Hillandale Road.

## i. Effect on Adjacent Property

Effects of the proposed use on nearby properties, including, but not limited to, the effects of noise, odor, lighting, and traffic.

**Staff Analysis.** The table below notes the surrounding uses and zoning districts:

Surrounding Uses and Zoning Districts				
Use Zoning District Overlay Tier				Tier
North	Government Building	RS-8 OI	None	Urban
South	Industrial	IL	None	Urban
East	Office	OI	None	Urban
West	Government Building	RS-8 OI	None	Urban

The applicant is not required to provide additional screening or buffering due to the width of the right-of-way surrounding the site. Staff believes that the right-of-way provides adequate spacing such that the lighting, traffic, and noise effects should be minimum on the adjacent properties.

## k. Compatibility

The level of general compatibility with nearby properties and impacted neighborhoods, including, but not limited to, the appropriateness of the scale, design, and use in relationship to other properties.

**Staff Analysis.** The subject site is nestled between industrial and government facilities of a similar industrial design. The height of the structure is greater than those nearby but the location of the building adjacent to the steeply sloped connector to Hillandale Road offsets the increase in height. The maximum permitted height within the OI zoning district is 90 feet; the applicant is staying below that with a structure that is 70 feet from the main-level finish-floor elevation to the top of the roof deck.

## I. Consistency with Policy

Consistency with the Durham Comprehensive Plan and applicable development tier guidelines, overlay purposes, and zoning district intent statements in Article 4, Zoning Districts.

## **UDO Section 4.1.2A.3 Urban Tier Intent Statement**

The Urban Tier – That area surrounding the historic downtown of the City within which development was concentrated prior to the 1960s. Within this area, development should maintain an urban form with small lot sizes and differing uses in proximity to one another.

## **UDO Section 4.3.3 Office and Institutional (OI)**

The OI District is established for employment and community service activities. Some support facilities and residential uses are also allowed when compatible with surrounding uses. The OI district is designed for use on sites that have convenient access to arterials, since development of moderate to high intensity is allowed.

The OI District is used to implement the Comprehensive Plan within those areas shown as part of the Rural, Suburban, Urban, or Compact Neighborhood Tiers.

**Staff Analysis.** The property is located in the OI zoning district within the Urban Tier. The Use Table of UDO Section 5.1.2 permits an overnight accommodation within the zoning district by-right. The limited use standards of Section 5.3.3K require the applicant to receive approval from the Board when the use is within 200 feet of a residential use. The applicant is not required to provide additional screening or buffering due to the width of the right-of-way surrounding the site.

#### m. Other Factors

Any other review factors which the approving authority considers to be appropriate to the property in question.

**Staff Analysis.** No other factors have been identified at this time.

## D. Notification

Staff certifies that newspaper advertisements, letters to property owners within 600 feet of the site, and the posting of a sign on the property have been carried out in accordance with UDO Section 3.2.5. In addition, email notice was provided per the Durham Planning Public Notification Service.

#### E. Staff Contact

Eliza Monroe, 919-560-4137 ext. 28245, or <a href="mailto:Eliza.Monroe@durhamnc.gov">Eliza.Monroe@durhamnc.gov</a>

#### Attachments

- 1. Context Map
- 2. Durham GIS Aerial Photograph
- 3. Application B2000019
- 4. Site Plan D19000376

## F. Possible Motion

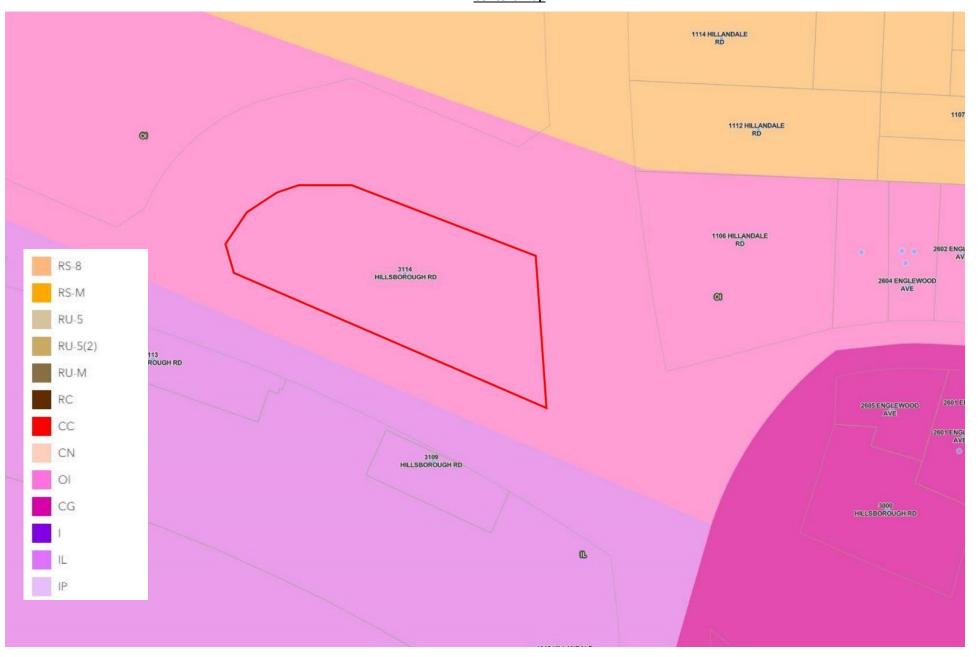
## MOTION TO GRANT APPLICATION WITH CONDITIONS

I hereby make a motion that application no. <u>B2000019</u>, an application for a <u>MINOR SPECIAL</u> <u>USE PERMIT</u> on property located at <u>3114 HILLSBOROUGH ROAD</u> has successfully met the applicable requirements of the unified development ordinance and is hereby granted subject to the following conditions:

1. The improvements shall be substantially consistent with the site plan, case D1900376, and all information submitted to the Board as part of the application.

## **B2000019 Townplace Suites Hotel Minor Special Use Permit**

## **Context Map**



## **B2000019 Townplace Suites Hotel Minor Special Use Permit**

## **Aerial Map**





## **Durham City-County Planning Department**

# MINOR AND MAJOR SPECIAL USE PERMIT (SUP) APPLICATION



(A Pre-submittal conference must be held prior to submission)

Tracking Information (Staff Only)		
Case Number: 82000019	Date/Time rec'd: 3 3 2020@2PM	Rec'd by: Eliza Monroe

## **About this Application**

## ONLY COMPLETE APPLICATIONS CAN BE ACCEPTED

**Minor special use permits** are heard by the Board of Adjustment as a quasi-judicial public hearing. **Major special use permits** are heard by the Governing Body (City Council if City, Board of Commissioners if County) as a quasi-judicial public hearing.

**Submittal:** Applications are accepted by appointment only. Deadlines are discussed at the pre-submittal meeting and are available online at <a href="http://durhamnc.gov/340/Applications-Application-Materials">http://durhamnc.gov/340/Applications-Application-Materials</a>. Applications should be submitted in-person, and fees are due at time of submittal.

The application is a form of written testimony, and used both to show how Ordinance considerations are addressed and to provide evidence that the required findings for approval can be made. In addition to the application materials, the applicant may provide any other written, drawn or photographed material to support his/her request and as permitted by the Board of Adjustment or Governing Body, as applicable. Any such additional material submitted will become part of the application, and as such cannot be returned.

Attendance at the hearing is required. Applicants may represent themselves or may be represented by someone appropriate for quasi-judicial public hearings. The applicant has the **burden of proof** and must provide sufficient evidence in order for the required findings to be made. The public hearing will allow the applicant, proponents, opponents and anyone else the opportunity to testify in regards to the request. An application may be approved, approved with conditions, continued for more information, or denied. **Decisions can be appealed to Superior Court within 30 days.** 

**Contact Information:** If you have any questions, please contact the City-County Planning Department at 560-4137 between 8:00 a.m. and 5:00 p.m. on weekdays.

Application Requirements	Applicant Initial	Staff Initial
Record of the pre-submittal meeting (copies provided at the meeting)	DP	EM
Fee	DP	5m
Completed application and responses: ORIGINAL signatures required	DP	EM
Submitted Site Plan (Digital and 11x17), if required, or Plot Plan	DP	8M
Responses to general findings and review factors: Section 3.9.8A and B of the UDO	DP	SM
Responses to Additional Findings and/or Review Factors, as applicable	DP	NIA
Responses to Limited Use Standards, as applicable	DP	NIA
Floorplan, as applicable	DP	EM
Elevations, as applicable	DP	EM
Note: Additional supporting documents may also be submitted		

Property Information	
Site Address: 3114 HILLSBOROUGH ROAD	PID(s): 119548
Zoning District(s) : OI	PIN(s): 0821-16-84-6824
Overlay District(s): NONE	SUP Type: Minor (msup) Major (MSUP)
Current Use: VACANT	Jurisdiction: City County Both

Property Owner	
Name(s) (Print): DUKE HOSPITALITY, LLC	Telephone: (919) 889-2911
Contact Person: DEPESH PATEL	Email: depesh@bluedeviledge.com
Owner Signature	Date 3/3/2020

Applicant	
Name(s): DUKE HOSPITALITY, LLC	
Contact Person: DEPESH PATEL	Telephone: (919) 889-2911
Address: 200 GATEWAY BLVD	Fax:
City/State/ZIP: ROCKY MOUNT, NC 27804	Email: depesh@bluedeviledge.com
I certify that all of the information presented by knowledge, information, and belief.	me in this application is accurate to the best of my
	1

Applicant Signature



Date 3/3/2020

Agent (if different than applicant)		
Name:		
Contact Person:	Telephone:	
Address:	Fax:	
City/State/ZIP:	Email:	

## Complete and respond to the following with an attachment (suggested), or in the space provided:

Applicant's Name: I, DEPESH PATEL \_\_\_\_\_, do hereby petition the City of Durham/County of Durham for a Special Use Permit to allow the following:

8-story hotel project with approximately 95 bedrooms, approximately 57,000 SF floor area, parking lot, and associated utilities.

## Section 3.9.8 of the UDO: Criteria for Approval of Major and Minor Special Use Permits

## A. General Findings

Applications for minor or major special use permits shall be approved only if the Board of Adjustment or Governing Body, as applicable, finds that the use as proposed, or the use as proposed with conditions, is:

 In harmony with the area and not substantially injurious to the value of properties in the general vicinity; Applicant's Response:

This project will be a modern hotel, which will enhance the surrounding community. The surrounding area is mostly commercial.

2. In conformance with all special requirements applicable to the use; Applicant's Response:

Yes, this project is in conformance with all special requirements applicable to the use.

**3.** Will not adversely affect the health or safety of the public; and *Applicant's Response:* 

This project will not adversely affect the health or safety of the public.

Case # D1900376	
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**4.** Will adequately address the review factors identified below. *Applicant's Response:* 

Yes, the proposed use will adequately address the review factors below.

#### B. Review Factors

The applicant shall demonstrate that the review factors listed below have been adequate addressed.

## 1. Circulation

Number and location of access points to the property and the proposed structures and uses, with particular reference to automotive, bicycle, mass transit and pedestrian safety and convenience, traffic flow and control, and access in case of fire or catastrophe.

Applicant's Response:

This hotel project has one proposed full access driveway located on Hillsborough Road, and a right-out only driveway located along the Hillandale-Hillsborough Connector. NCDOT is investigating whether or not they will allow the proposed west driveway access. There is a ramp along one side of the property connecting Hillandale Road to Hillsborough Road. There is also a bridge nearby on Hillsborough Road. There is NCDOT Controlled Access along the north and east perimeters of the property, which prevents additional driveways in those areas. This project consists of one proposed hotel building and a parking lot. A proposed sidewalk will connect the site to the existing sidewalk on Hillsborough Road. There is a bus stop located near the property, and ample bicycle parking will be provided. Additional traffic will be generated, as would be expected for a hotel with 84 bedrooms.

## 2. Parking and Loading

Location of off-street parking and loading areas. *Applicant's Response:* 

An off-street parking area will be provided. One loading space is proposed inside the public right-of-way of Hillsborough Street.

## 3. Service Entrances and Areas

Locations of refuse and service areas with particular reference to ingress and egress of service vehicles. Applicant's Response:

Service entrances will be located on the south side of the building, as well as in the lower level garage. Service vehicles may use the loading space or parking spaces. A garbage/recycling enclosure is proposed near the northeast corner of the property with a landscaped screen.

Case #	D1900376
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## 4. Lighting

Locations of exterior lighting with reference to glare, traffic safety, economic effect and compatibility with other property in the area.

Applicant's Response:

Exterior light pole locations are proposed in the parking lot. The lighting is designed to prevent glare onto neighboring roadways and properties and to comply with the City of Durham UDO.

## 5. Signs

Appropriateness of signs considering location, color, height, size, and design within the context of other property in the area.

Applicant's Response:

One monument sign is shown on Hillsborough Road. The sign will be designed by others in accordance with the City of Durham UDO, and will be permitted separately.

#### 6. Utilities

Location and availability of utilities. *Applicant's Response:* 

The sanitary sewer service will use bore and jack under the Hillandale Road - Hillsborough Road Connector to the north and connect to the existing gravity sewer main. The domestic water service will connect to the existing water main on the Connector to the west. A proposed hydrant and fire sprinkler service connect to the existing City water main in the Hillandale Road - Hillsborough Road connector to the west.

## 7. Open Spaces

Location of required yards and other open spaces and preservation of existing trees and other natural features.

Applicant's Response:

Open space is not required for this commercial project. Proposed trees and yards are provided in the Landscape Plan in accordance with the City of Durham UDO.

## 8. Environmental Protection

Preservation of tree cover, Durham Inventory Sites, floodplain, stream buffers, wetlands, steep slopes, open space and other natural features, and protection of water quality.

Applicant's Response:

This site is not located in a Durham Inventory Site, floodplain, or stream buffer. There are no wetlands, steep slopes, or open space on the property. Trees are shown on the Landscape Plan. The stormwater report explains the proposed stormwater control measures, which will protect water quality. This project intends to utilize a rainwater harvesting facility in order to meet the City's stormwater quality requirements.

## 9. Screening, Buffering and Landscaping

Installation of screening, buffering, fencing and landscaping where necessary to protect adjacent property.

Applicant's Response:

Buffers are not required for this commercial project. Appropriate screening, fencing, and landscaping is provided in the Landscape Plan in accordance with the City of Durham UDO.

## 10. Effect on Adjacent Property

Effects of the proposed use on nearby properties, including, but not limited to, the effects of noise, odor, lighting, and traffic.

Applicant's Response:

This project will not create any unusual amount of noise or odor. Lighting will be shielded to prevent glare onto adjacent property. Additional traffic will be generated as would be expected by a new hotel with 95 bedrooms. We have confirmed with the City of Durham Transportation Department that a TIA is not required.

## 11. Compatibility

The level of general compatibility with nearby properties and impacted neighborhoods, including but not limited to the appropriateness of the scale, design, and use in relationship to other properties. *Applicant's Response:* 

This hotel project will be compatible with nearby properties, which are mostly commercial. The project will be aesthetically pleasing, and will therefore enhance the surrounding community.

## 12. Consistency with Policy

Consistency with the Comprehensive Plan and applicable development tier guidelines, overlay purposes, and zoning district intent statements in Article 4, Zoning Districts.

Applicant's Response:

This project is consistent with the Comprehensive Plan, as well as the Urban Development tier guidelines and OI zoning district intent statement. There are no overlay districts.

## 13. Other Factors

Any other review factors which the approving authority considers to be appropriate to the property in question.

None.

NOTE:

Please address the requirements of any applicable "Limited Use Standards" or other special requirements of the use as an attachment of the application.

## Read and sign below:

In granting a Minor or Major Use Permit, conditions may be placed to assure that adequate mitigation measures are associated with the use. The conditions shall become part of the special use permit approval. Violations of any of the conditions shall be treated in the same manner as other violations of the Ordinance. Furthermore, Special Use Permits shall become null and void in any of the following cases (Section 3.9.13 of the UDO):

- A. If a site plan is not approved within 12 months of the date of permit approval.
- B. If an approved site plan or building permit expires.
- C. If a building permit is not issued within two years of the date of approval, in cases where a site plan is not required.
- D. If a substantial violation of the conditions of the permit, as determined by the Planning Director or designee occurs. The addition of language to the special use permit regarding such voiding shall not be required.

**Applicant Signature** 

Date



**Durham City-County Planning Department** 

# REGISTRATION FOR BOARD OF ADJUSTMENT (BOA) PRE-SUBMITTAL CONFERENCE

## Planning

Registration for BOA Pre-Submittal Conference				
Submittal Date:	Date: September 27, 2019			
Applicant Contact Information				
Name:	me: Stephen Ballentine, PE			
Phone:	984-255-2367	Email:	stephen.ballentine@timmons.com	
<ul> <li>No BOA application submittals will be accepted unless the pre-submittal conference has been held. Appeals do not require a pre-submittal conference</li> </ul>				
<ul> <li>Applications are</li> </ul>	batched on the 2nd Monday of eac	h Month. Appli	cations are accepted by appointment only.	
Complete the require	d information below			
Property Identification Number(s) or PIN(s):	0821-16-84-6824			
Total Acreage:	1.10 AC Existing Zone(s): Office and Institutional		Office and Institutional (OI)	
General Location/ Address:	3114 Hills	Durham, NC 27705		
Proposed Development:	Hotel			
Type of Application (please check):				
<b>✓</b> Minor S	pecial Use Permit		/ariance	
Major S <sub>l</sub>	pecial Use Permit		Appeal	
Zoning Boundary Interpretation Reasonable Accommod			Reasonable Accommodation	
For Internal Use:				
Date Contacted:		Conference Sc	heduled For:	

**Submit This Form** 

## City of Durham DSC - Development Services Center 101 City Hall Plaza Durham, NC 27701 919-560-1200

The City of Durham

016314-0013 Marco R. 03/03/2020 02:16PM

## MISCELLANEOUS

MOST BOA APPLICATIONS

(829)

2020

Item: 829

1 @ 1,683.00

MOST BOA APPLICATIONS

(829)

1,683.00

TECHNOLOGY SURCHARGE

(802)

2020

Item: 802

1 @ 52.00

TECHNOLOGY SURCHARGE

(802)

52.00

\_\_\_\_\_

1,735.00

Subtotal

1,735.00

Total

1,735.00

CHECK

1,735.00

Check Number 1485

\_\_\_\_\_

Change due

0.00

Paid by: York Investment LLC

Comments: York Investment LLC

Minor SUP

Thank you for your payment

CUSTOMER COPY

# TOWNEPLACE SUITES

## LEVEL 4 SITE PLAN

3114 HILLSBOROUGH ROAD DURHAM, NC 27705 DURHAM COUNTY, NORTH CAROLINA

## **ARCHITECT CONTACT**

**OLIVE ARCHITECTURE** F. THOMAS MURPHY 436 N. HARRINGTON ST, STE 140 RALEIGH, NC 27603 PH. (919) 838-9934 TOM@OLIVE-ARCH.COM

## **OWNER/APPLICANT CONTACT**

DUKE HOSPITALITY, LLC **KETAN PATEL** 200 GATEWAY BLVD ROCKY MOUNT, NC 27804 PH. (252) 410-1005 HOTELSUSA@YAHOO.COM

## **CIVIL ENGINEER**

TIMMONS GROUP STEPHEN BALLENTINE, P.E. 5410 TRINITY RD. STE 102 RALEIGH, NC 27607 PH. (984) 255-2367 STEPHEN.BALLENTINE@TIMMONS.COM

## **SURVEYOR**

TIMMONS GROUP MARTIN WEBB 5410 TRINITY RD. STE 102 RALEIGH, NC 27607 PH. (984) 255-2367 MARTIN.WEBB@TIMMONS.COM

## SITE DATA TABLE

	PIN NUMBER		0821-16-84-6824		٦
PARCEL ID		119548			
	ADDRESS		3114 HILLSBOROUGH ROAD, DURHAM, NC 27705		
	TOTAL SITE AREA		1.10 AC		1
	EXISTING ZONING		OI		1
	OVERLAY DISTRICT		NONE		1
	EXISTING USE		VACANT		1
	PROPOSED USES AN	D FLOC	I DR AREAS		1
	HOTEL (WITH 95 C	GUEST DOMS)	NO RESTAURAN CONFERENCE F	IT, BANQUET, OR ROOM.	
	TOTAL FLOOR	ARFA	59,272 SF		
	PARKING REDUCTION				1
		DUCT	10% (URBAN TIE		+
		DUCT	5% (BUS STOPS	,	$\dashv$
		DUCT	`	L BIKE SPACES)	$\dashv$
	DE	DUCT	370 (ADDITIONA	E BINE OF ACEO)	+
	MIN. REQUIRED PARK	KING	,	DOM X 95 ROOMS = 119 REDUCTION (23) = 96 SPACES	
	MIN. REQUIRED HAND PARKING	DICAP	3 STANDARD H	C + 1 VAN HC = 4 TOTAL	
	PROPOSED PARKING	i			
	STAN	IDARD	74		
	CON	//PACT	19 (19.5%)		
	VAN-ACCES	SSIBLE	1		
	STANDARD HAN	-	3		+
		TOTAL	97		$\dashv$
	MIN. REQUIRED LOAD				$\dashv$
	SPACES:	) II (O	1		
	LOADING SPACES		1		
	MIN. REQUIRED BICY PARKING	CLE	ADD BIKE SPAC 5 VEHICLE SPAC	95 ROOMS) = 7 SPACES ES FOR PARKING REDUCTION: CES X 6 = 30 BIKES S REQUIRED (UDO 10.3.1)	}
	PROPOSED BICYCLE PARKING		38		
	BUILDING CONSTRUC	CTION	TYPE I-B		
	MAXIMUM ALLOWED BUILDING HEIGHT		90'		1
	PROPOSED BUILDING HEIGHT	6	DECK = 82'-0"	EVEL FFE TO TOP OF ROOF  (HILLSBOROUGH RD) TO TOP  = 70'-0"	
	BUILDING STORIES		8 TOTAL (INCLU	DES BASEMENT)	
	EXISTING IMPERVIOU	JS	0.002 AC		
(	PROPOSED ONSITE IMPERVIOUS AREA			50 SF (INCLUDES 0.050 AC ONTINGENCY)	•
	BUILD-TO ZONE		15' MAXIMUM BU	JILD-TO STREET YARD	1
	TREE COVERAGE DA	TA	N/A		
	TIER CITY LIMITS		URBAN		1
			YES		
	RIVER BASIN		ELLERBE CREEK / FALLS LAKE / NEUSE RIVER		
	WATERSHED		FALLS LAKE (OUTSIDE OF F/J-A AND F/J-B)		
DISTURBED AREA 1.65 AC					
اسم	EXISTING IMPERV	/IOUS:			7
		NSITE:		0.002 AC (0.18%)	1
	<u> </u>			(0,)	)

OFFSITE:

TOTAL:

ONSITE (INCLUDES 0.05 AC

IMPERVIOUS CONTINGENCY):

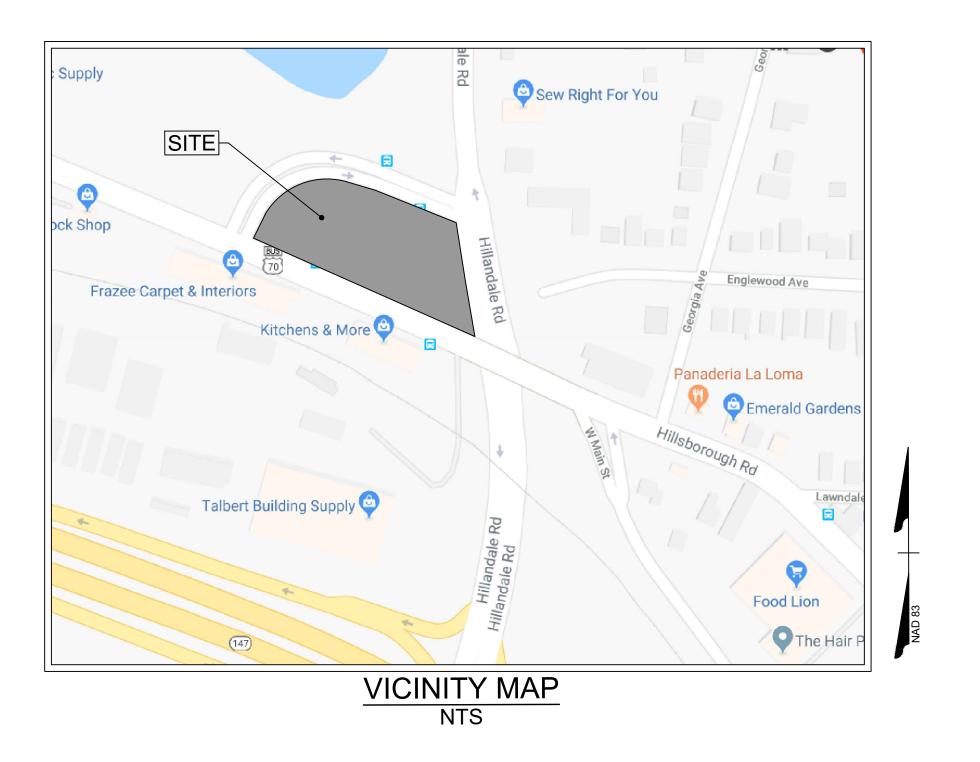
PROPOSED IMPERVIOUS:

NET IMPERVIOUS INCREASE:

0.075 AC

1.168 AC

0.924 AC (83.8%)



## **Sheet List Table**

heet Number	Sheet Title
C0.0	COVER SHEET
C1.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C2.0	SITE PLAN
C3.0	GRADING AND DRAINAGE PLAN
C5.0	UTILITY PLAN
C5.2	SITE LIGHTING PLAN
C6.0	LANDSCAPE PLAN
C6.1	PERIMETER V.U.A. AND TREE CANOPY PLAN
C7.0	DETAIL SHEET
C7.1	DETAIL SHEET
C7.2	DETAIL SHEET
SD1	LOWER LEVEL PLAN
SD2	MAIN LEVEL PLAN
SD3	TYPICAL LEVEL PLAN
SD4	FRONT ELEVATION
SD5	SIDE ELEVATIONS
SD6	REAR ELEVATION
	•

## SPECIAL CONDITIONS OF APPROVAL

FINAL DESIGN CALCULATIONS FOR THE STORMWATER SCM FACILITY WILL REQUIRE THE USE OF STORAGE INDICATION ROUTING METHODOLOGY SUCH AS TR-20 OR HEC-1 MODELS. FOR THE SCM FACILITY, PROVIDE STAGE-STORAGE RELATIONSHIP AND INFLOW AND OUTFLOW HYDROGRAPHS, PROVIDE ALL TABULATED DATA INCLUDING CALCULATIONS SHOWING THE OUTLET UNDEF

DEVELOPMENT, APPROVED BY THE STORMWATER SERVICES DIVISION AND THE SCM(S) SHALL BE INSPECTED AND APPROVED BY THE STORMWATER SERVICES DIVISION PRIOR TO ISSUANCE OF ANY CERTIFICATES OF OCCUPANCY OR CERTIFICATES OF COMPLIANCE FOR THE PROJECT."

A COMPLETED CITY OF DURHAM DESIGN SUMMARY IS REQUIRED FOR EACH STORMWATER BMP FACILITY NO LATER THAN AT THE FIRST CONSTRUCTION DRAWING SUBMITTAL. BE REVIEWED AND APPROVED DURING THE CONSTRUCTION DRAWING SUBMITTAL PROCESS. "A PUBLIC SIDEWALK EASEMENT FOR ALL REQUIRED SIDEWALK ON THE PRIVATE PROPERTY IS REQUIRED PRIOR TO THE ISSUANCE OF ANY BUILDING PERMIT

STATEMENT FROM A SITE ENGINEER, SURVEYOR OR ARCHITECT VERIFIES THAT SITE CONDITIONS EXIST WHERE THE TOPOGRAPHY OF THE SITE IS EXTREME AND ONLY ALTERNATE METHODS OF COMPLIANCE ARE POSSIBLE. AN AS-BUILT SURVEY OF THE SITE, PERFORMED BY THE DESIGN PROFESSIONAL OR DESIGNEE. MUST BE SUBMITTED TO THE BUILDING INSPECTIONS DEPARTMENT.

IF A METER 2" OR LARGER IS PROPOSED, CONTACT WATER MANAGEMENT AT 560-4381 PRIOR TO THE CONSTRUCTION OF THE METER VAULT TO VERIFY THE TYPE AND DIMENSIONS OF THE METER

emploes from the object we sport from the other sport from the other than the oth AS APPLICABLE, STAGE-STORAGE RELATIONSHIP AND INFLOW AND OUTFLOW HYDROGRAPHS ARE REQUIRED. ALL TABULATED DATA INCLUDING CALCULATIONS SHOWING THE LIMITING DISCHARGE, WHETHER

ACCORDANCE WITH THE CITY OF DURHAM SCM AS-BUILT PROGRAM, REFER TO SECTION 8.6, AS-BUILT CERTIFICATION REQUIREMENTS FOR SCMS IN THE CITY OF DURHAM, OF THE REFERENCE GUIDE FOR

MEASURE (SCM), IF THE SCM WILL BE CONSTRUCTED INITIALLY AS A SEDIMENTATION AND EROSION CONTROL (S&EC) DEVICE, TO BE CONVERTED TO A PERMANENT SCM AT A LATER TIME, THE

- LANDSCAPE RE-INSPECTION FEE: EACH LANDSCAPING COMPLIANCE INSPECTION AFTER THE INITIAL INSPECTION WILL INCUR A RE-INSPECTION FEE. PAYMENT MUST BE RECEIVED BY THE DURHAM CITY
- STREET TREE NOTE FOR ALL PRELIMINARY AND FINAL PLATS WHERE TREES WILL BE PLANTED: STREET TREES MEETING THE REQUIREMENTS OF UDO SECTION 9.6 SHALL BE PLANTED PRIOR TO THE UDO SITE LIGHTING NOTE (UDO SEC. 7.4): MEASURES SHALL BE PROVIDED TO PREVENT LIGHT SPILLOVER ONTO ADJACENT PROPERTIES AND GLARE TOWARD MOTOR VEHICLE OPERATORS AND SHALL BE
- 6.2. THE MAXIMUM ILLUMINATION AT THE EDGE OF THE PROPERTY LINE ADJACENT TO NONRESIDENTIAL ZONING IS 5.0 FOOT CANDLE
  - 6.3. THE MAXIMUM ILLUMINATION AT THE EDGE OF THE PROPERTY LINE ADJACENT TO A STREET IS 5.0 FOOT CANDLES.
- 6.5. THE MAXIMUM HEIGHT FOR DIRECTIONAL OR FULL CUT-OFF LIGHTING FIXTURES (FIXTURES DESIGNED TO INSURE THAT NO LIGHT IS EMITTED ABOVE A HORIZONTAL LINE PARALLEL TO THE GROUND)
- 6.6. THE MAXIMUM HEIGHT FOR NON-DIRECTIONAL LIGHTING FIXTURES. WHICH ARE DEFINED AS FIXTURES DESIGNED TO ALLOW LIGHT TO BE EMITTED ABOVE A HORIZONTAL LINE PARALLEL TO THE GROUND SHALL BE 15 FEET ABOVE GRADE, MEASURED TO THE TOP OF THE FIXTURE. WILL BE REQUIRED ON BUILDING PLANS PRIOR TO ISSUANCE OF BUILDING PERMIT
- FIRE NOTES TO BE INCLUDED ON COVER SHEET: TEMPORARY OR PERMANENT ROADWAYS OF ALL-WEATHER DRIVING SURFACE, CAPABLE OF SUPPORTING A 75,000 POUND VEHICLE WEIGHT, SHALL BE ESTABLISHED PRIOR TO THE COMMENCEMENT OF BUILDING CONSTRUCTION ACTIVITIES. THESE ROADWAYS SHALL BE EXTENDED WITH THE PROGRESS OF CONSTRUCTION SO THAT: •1.1. ALL POINTS AROUND THE PERIMETER OF A BUILDING UNDER CONSTRUCTION IS NO GREATER THAN 150 FEET TRAVEL DISTANCE FROM A ROADWAY •1.2. FIRE DEPARTMENT CONNECTIONS (FDC), EITHER TEMPORARY OR PERMANENT, ARE NO GREATER THAN 100 FEET TRAVEL DISTANCE FROM A ROADWAY.
- . TEMPORARY WEATHER-RESISTANT STREET SIGNS OF STANDARD SIZE AND LETTERING SHALL BE PROVIDED AT THE INTERSECTIONS OF TEMPORARY OR PERMANENT ROADWAYS AND SHALL REMAIN I PLACE UNTIL REPLACED BY PERMANENT SIGNS. 7.3. FIRE HYDRANTS, AS SHOWN ON THE APPROVED SITE PLAN, SHALL BE PLACED IN SERVICE AND MADE AVAILABLE TO THE FIRE DEPARTMENT AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON SITE. NO CONSTRUCTION FENCING OR OTHER BARRIERS ARE TO BE PLACED BETWEEN THE ROADWAY AND THE HYDRANTS. WITH MINIMUM 3 FEET WORKING CLEARANCE AROUND HYDRANTS. HYDRANT SERVICE
- SHALL BE EXTENDED WITH THE PROGRESS OF CONSTRUCTION SO THAT: •3.1. ALL POINTS AROUND THE PERIMETER OF A BUILDING UNDER CONSTRUCTION IS NO GREATER THAN 500 FEET TRAVEL DISTANCE FROM A HYDRANT •3.2. FIRE DEPARTMENT CONNECTIONS (FDC), EITHER TEMPORARY OR PERMANENT, ARE NO GREATER THAN 50 FEET TRAVEL DISTANCE FROM A HYDRANT
- FOR COUNTY SOIL AND EROSION CONTROL: 8.1. A SEDIMENTATION AND EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED PRIOR TO THE ISSUANCE OF A LAND-DISTURBANCE PERMIT.
- 8.2. IF AN OFFSITE SOIL SPOIL OR BORROW SITE IS UTILIZED, THEN THE DISTURBED AREA FOR THE SPOIL/BORROW SITE MUST BE INCLUDED IN THE LAND- DISTURBANCE PLAN AND PERMIT UNLESS THE SPOIL/BORROW SITE ALREADY HAS A LAND-DISTURBANCE PERMIT.
- 9.1. SOLID WASTE CAPACITY AND FREQUENCY OF COLLECTION WILL BE SUFFICIENT TO PREVENT THE ILLEGAL PLACEMENT OF TRASH AND RECYCLABLES.
- 9.2. SIX TRASH ROLL CARTS ARE PROVIDED OUTSIDE THE BUILDING.
- 9.3. TWO RECYCLING ROLL CARTS ARE PROVIDED OUTSIDE THE BUILDING 9.4. THIS FACILITY WILL UTILIZE A PRIVATE TRASH AND RECYCLING PICKUP SERVICE AT SUFFICIENTLY FREQUENT INTERVALS AS NEEDED TO PREVENT THE ILLEGAL PLACEMENT OF TRASH AND RECYCLABLES. BY REFERENCING ROADWAY IMPROVEMENTS ON THE PLAN, THE APPLICANT AGREES TO CONSTRUCT SAID IMPROVEMENTS PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY IN A MANNER THAT WILL ALLOW THEM TO FUNCTION AS NOTED ON THE PLAN AND IN ACCORDANCE WITH NCDOT AND CITY OF DURHAM STANDARDS AND POLICIES. THIS INCLUDES (WHERE APPROPRIATE) BUT IS NOT LIMITED TO ADEQUATE TRANSITION TAPERS, ALIGNMENT OF LANES THROUGH INTERSECTIONS, ASSOCIATED SIGNAL MODIFICATIONS, PAVEMENT MARKINGS, ASSOCIATED SIGNAGE, CURB AND GUTTER, COORDINATION WITH OTHER PROPOSED ROADWAY IMPROVEMENTS AND BIKE LANES. THE APPLICANT ALSO ACCEPTS THE FINANCIAL RESPONSIBILITY FOR ACQUISITION OF ANY ADDITIONAL RIGHT-OF-WAY NECESSARY TO
- ACCOMMODATE THESE IMPROVEMENTS AND ANY REQUIRED SIDEWALK CONSTRUCTION. THE LOCATION OF THE SIDEWALK SHOWN ON THIS PLAN IS SCHEMATIC. A CITY OF DURHAM AND/OR NCDOT ENCROACHMENT PERMIT IS REQUIRED PRIOR TO ANY CONSTRUCTION. AFTER OBTAINING THE REQUIRED PERMITS, PLEASE CONTACT THE CITY OF DURHAM ENGINEERING CONSTRUCTION INSPECTION OFFICE AT 560-4326 FOR A PRE-CONSTRUCTION CONFERENCE AND FIELD VISIT PRIOR TO ANY WORK

APPROVAL STAMPS (CASE #D1900376)

PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF DURHAM, NCDEQ AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS



PARCEL ID: 119548

NOT RELEASED FOR CONSTRUCTION

09/27/2019 C. PUGH

. BALLENTINE CHECKED BY

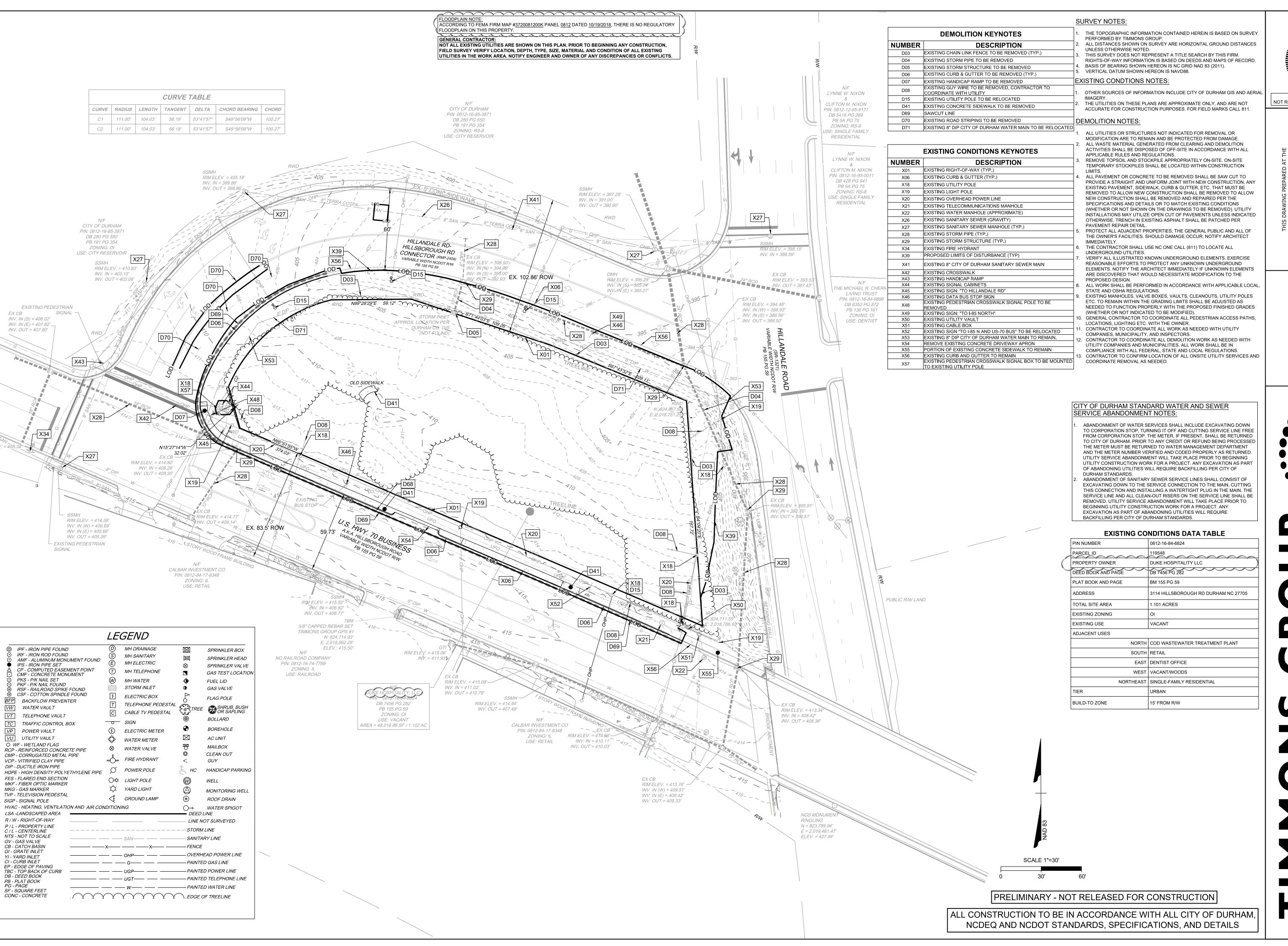
. BALLENTINE

AS SHOWN

1352.003

SHEET NO. C0.0





09/27/2019 DRAWN BY

C. PUGH **DESIGNED BY** . BALLENTINE

CHECKED BY . BALLENTINE

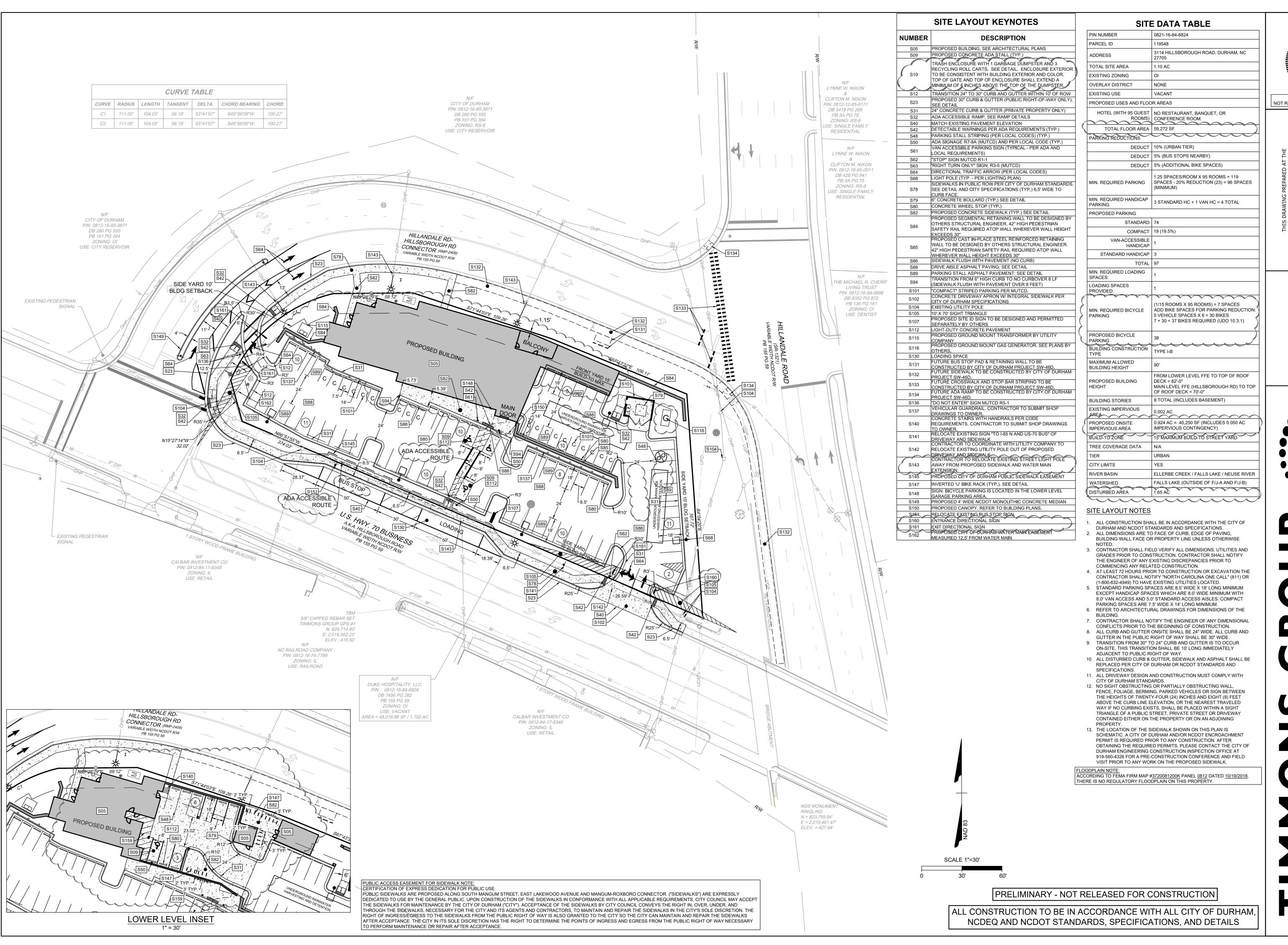
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OR

JOB NO.

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09/27/2019 DRAWN BY C. PUGH

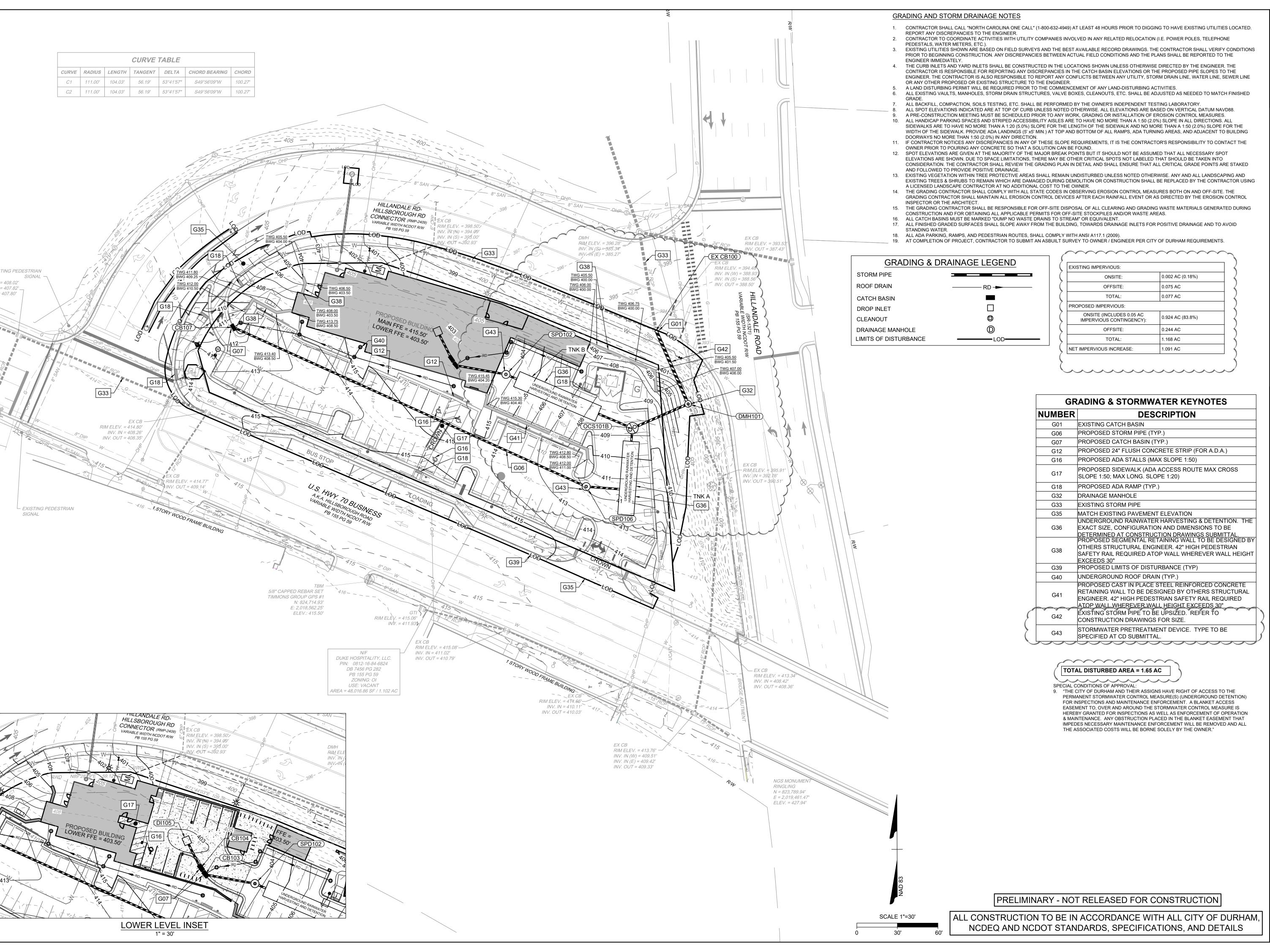
**DESIGNED BY** . BALLENTINE CHECKED BY

. BALLENTINE

AS SHOWN

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C2.0





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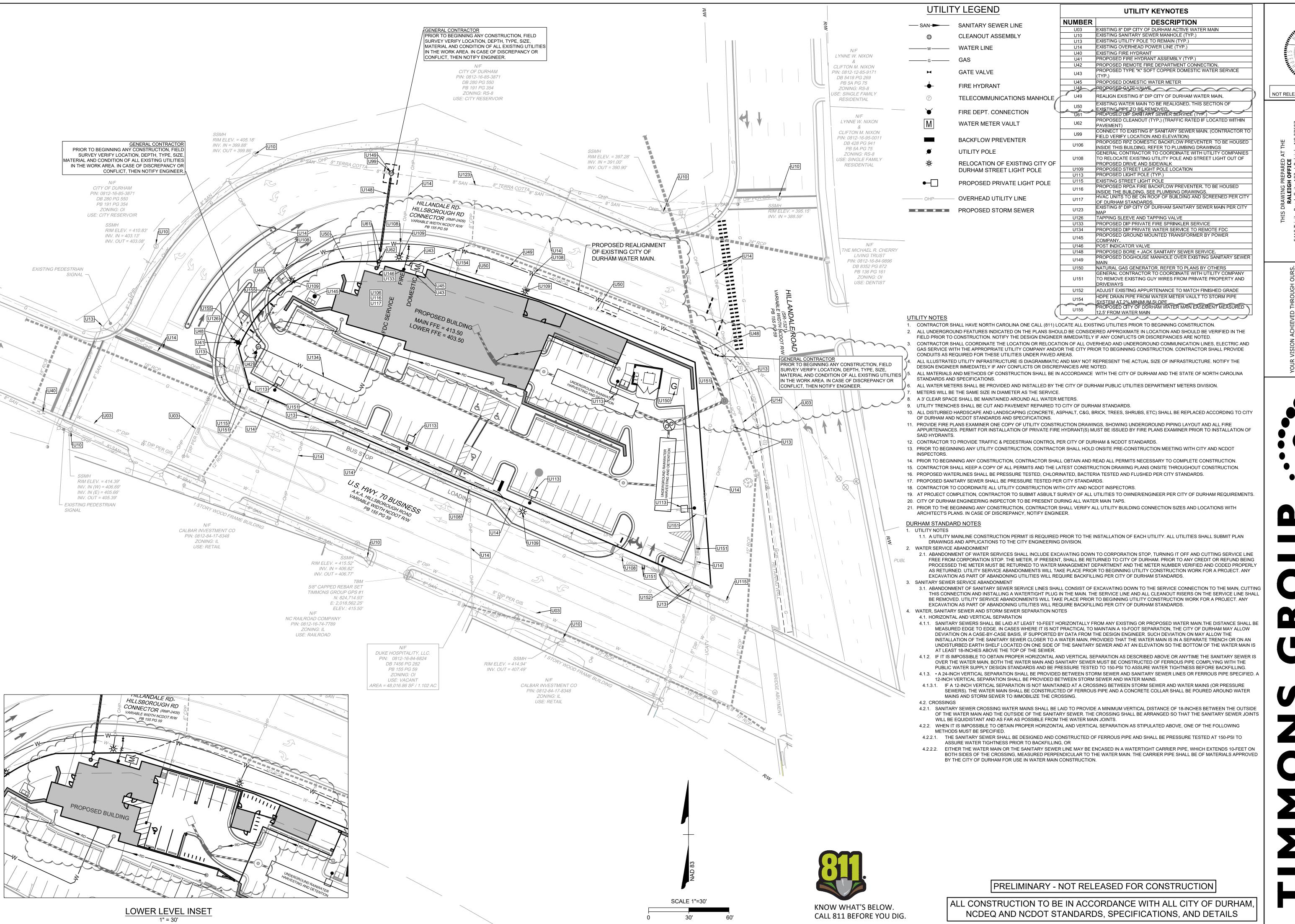
DRAWN BY C. PUGH

**DESIGNED BY** . BALLENTINE CHECKED BY . BALLENTINE

AS SHOWN

JOB NO.

*1352.003* SHEET NO. C3.0





09/27/2019

A. BLYE **DESIGNED BY** 

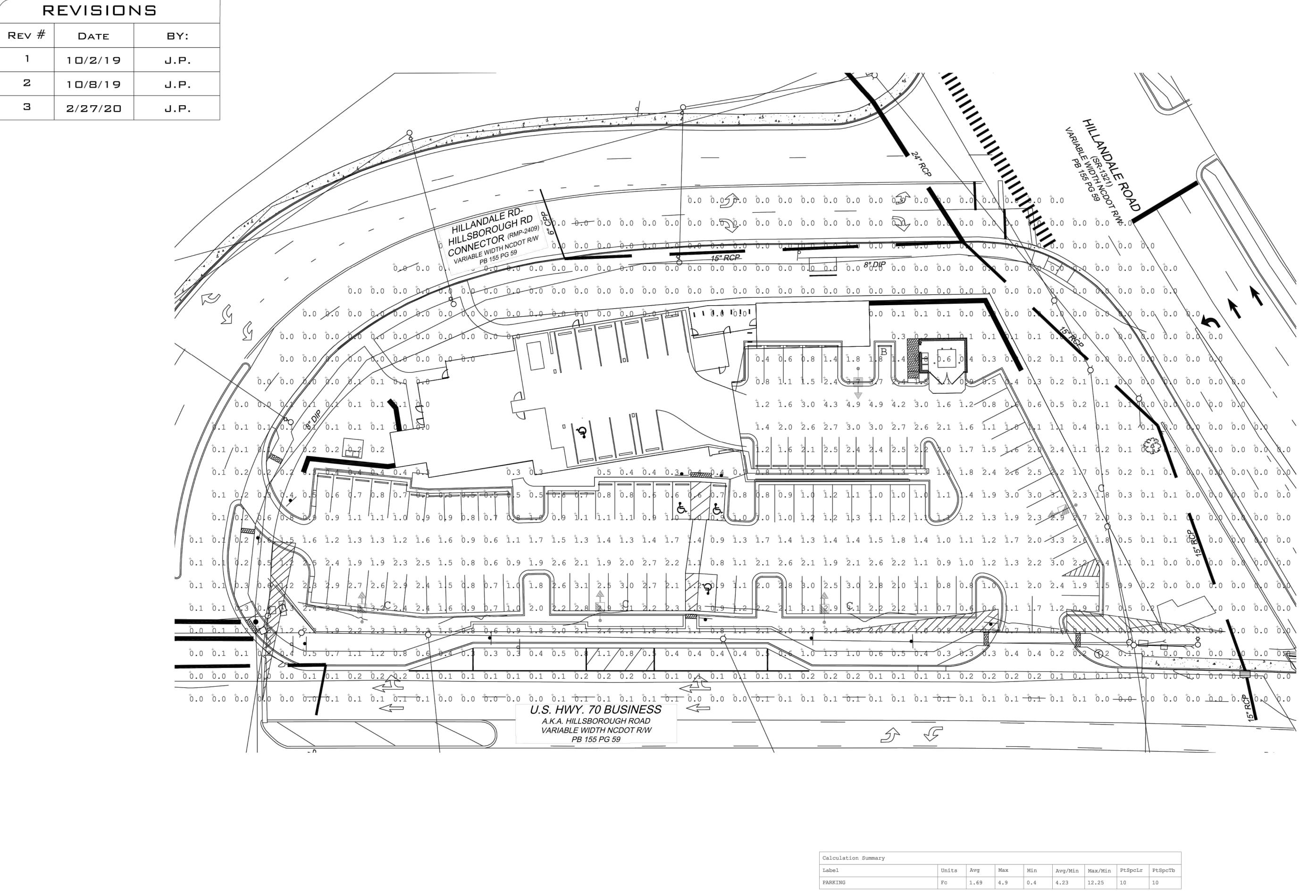
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. BALLENTINE CHECKED BY . BALLENTINE

AS SHOWN

JOB NO.

1352.003 SHEET NO. C5.0



PLACE 76110 G.COM

1919 WINDSOR FORT WORTH, TX www.wLSLIGHTIN

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Luminaire Schedule

WLS11702 TOWNEPLACE SUITES DURHAM, NC PM: HOLLY PLEASE EMAIL US FOR PRICING AT HOLLY@WLSLIGHTING.COM

Symbol Qty Label Lum. Lumens LLF Description Lum. Watts

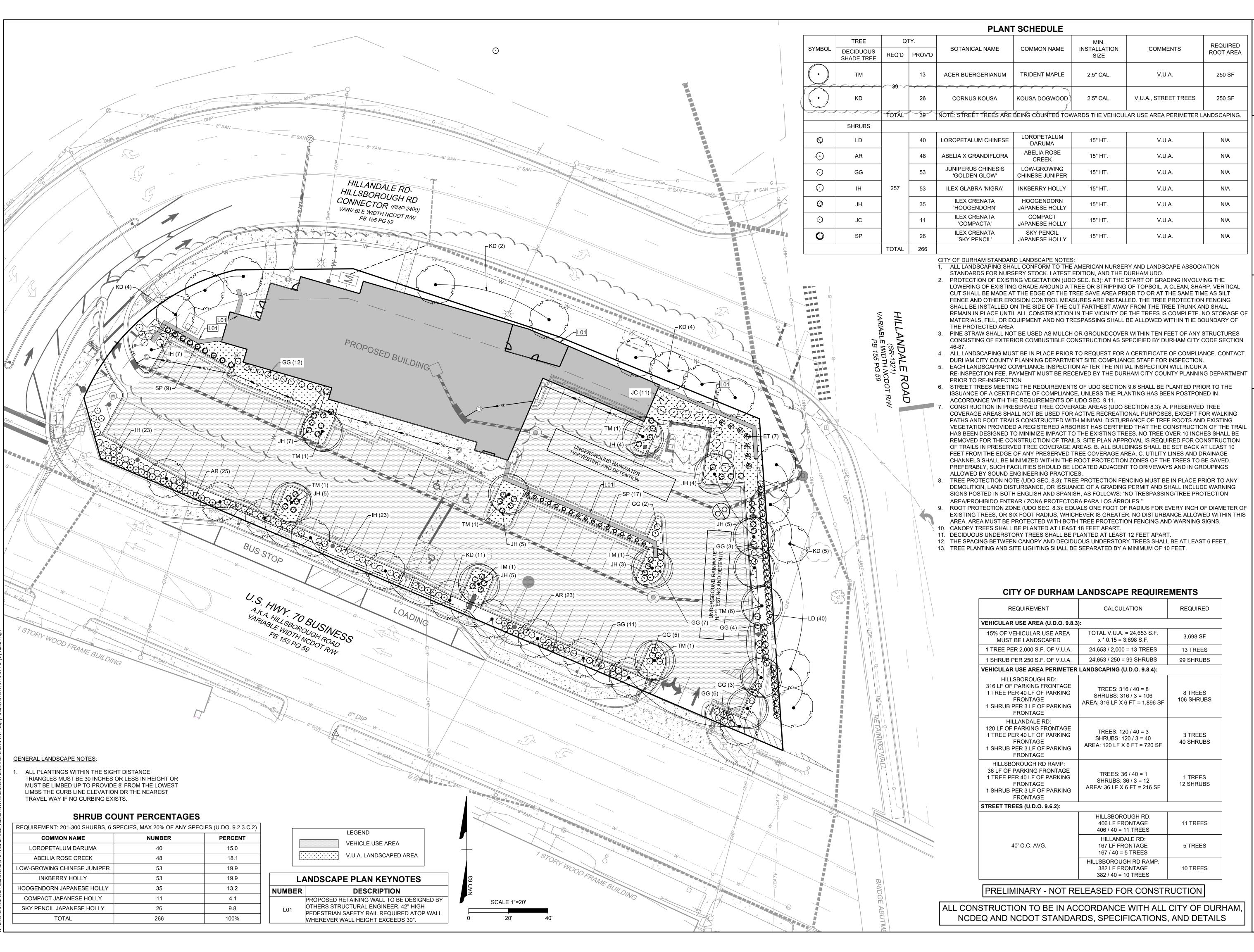
1 B 13389 0.980 WLS-OSQ-A-3ME-K-40K-BLS 25' MOUNTING HEIGHT 130

C 13032 0.980 WLS-OSQ-A-4ME-K-40K-BLS 25' MOUNTING HEIGHT 130

C5.2 SITE LIGHTING PLAN

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.



09/27/2019

DRAWN BY C. PUGH

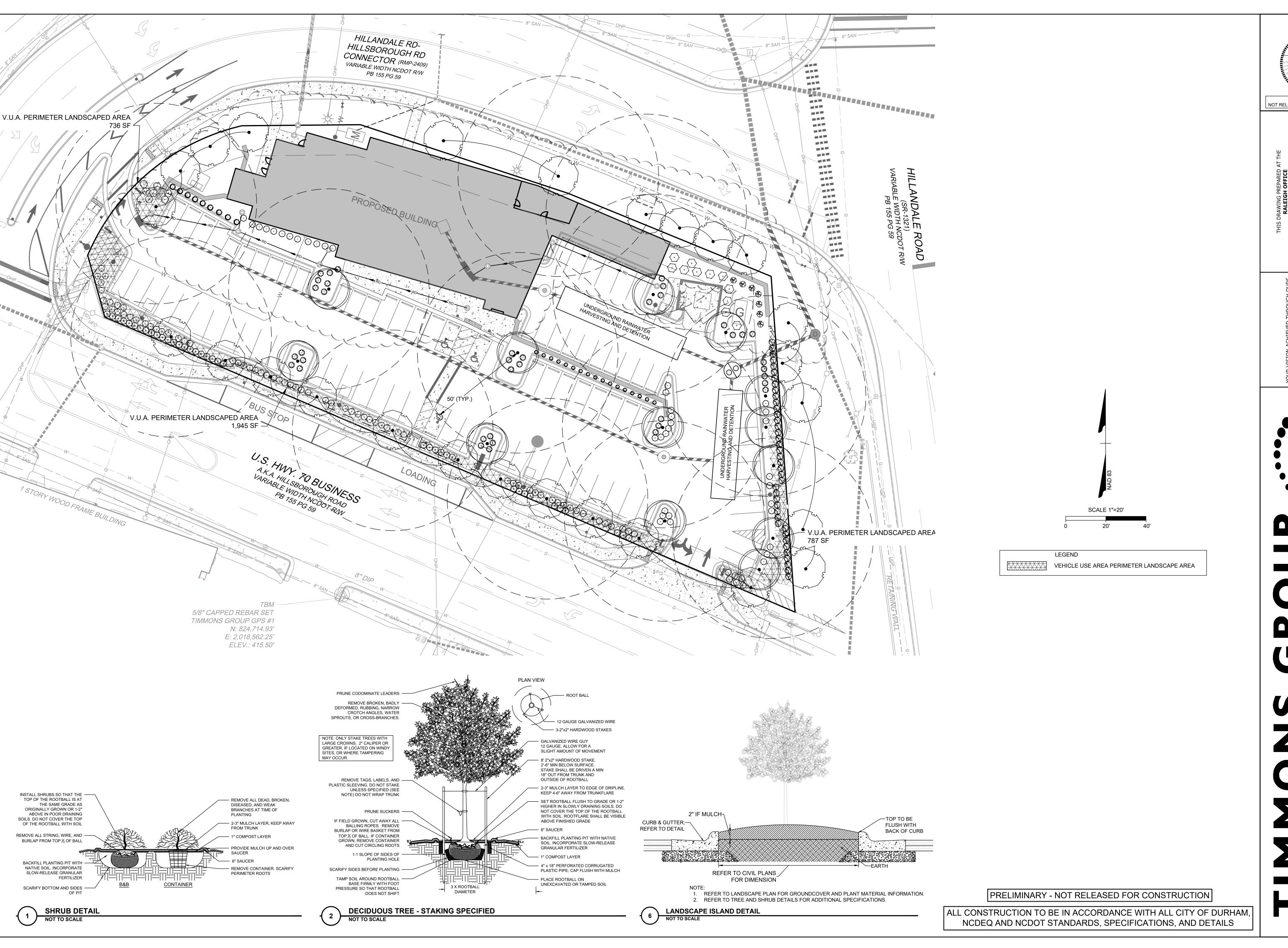
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**DESIGNED BY** 

AS SHOWN

1352.003

SHEET NO. C6.0



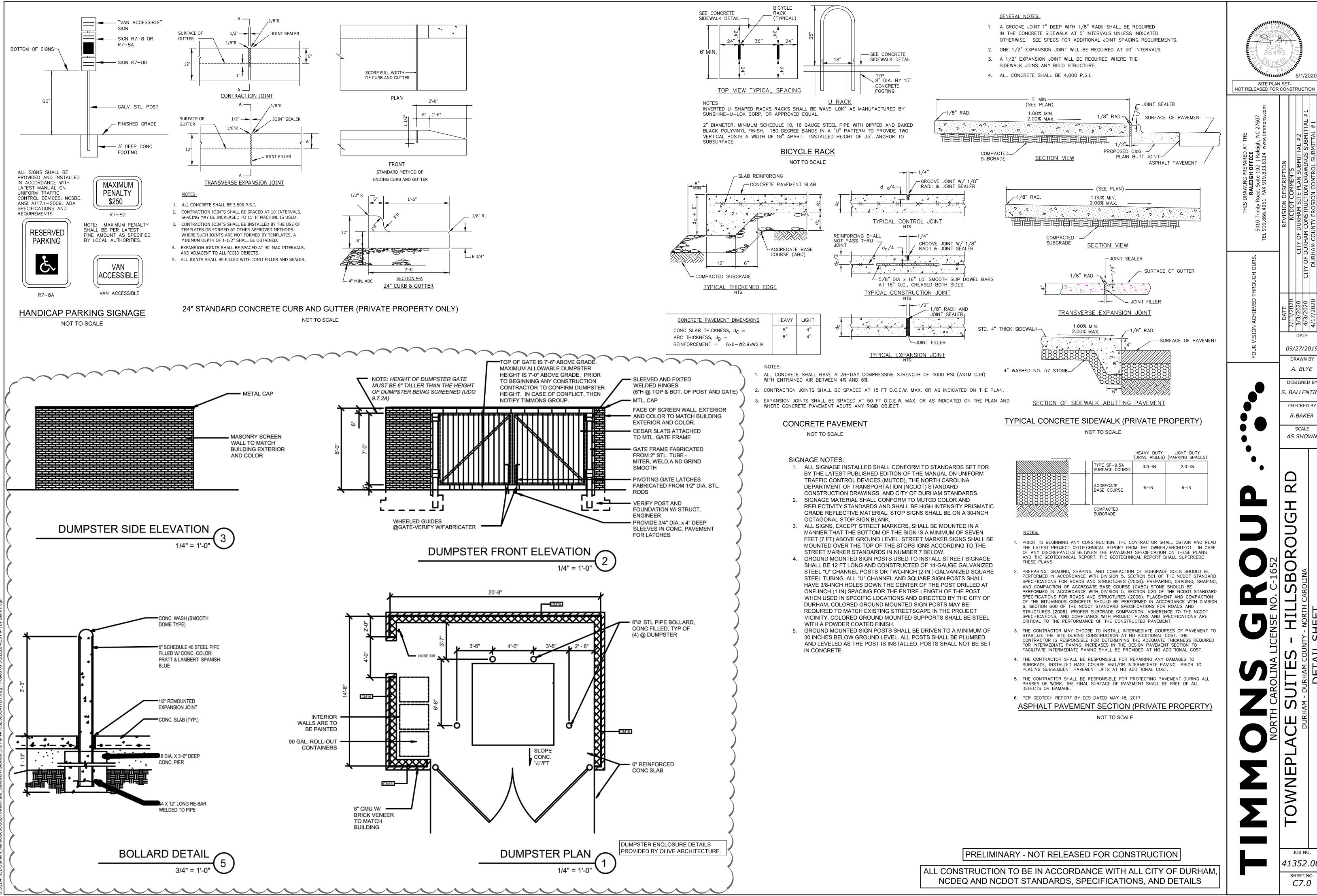
SITE PLAN SET-

NOT RELEASED FOR CONSTRUCTION

09/27/2019 DRAWN BY C. PUGH DESIGNED BY . BALLENTINE CHECKED BY . BALLENTINE AS SHOWN

JOB NO. 1352.003 SHEET NO.

C6.1



NOT RELEASED FOR CONSTRUCTION

DATE

09/27/2019 DRAWN BY A. BLYE

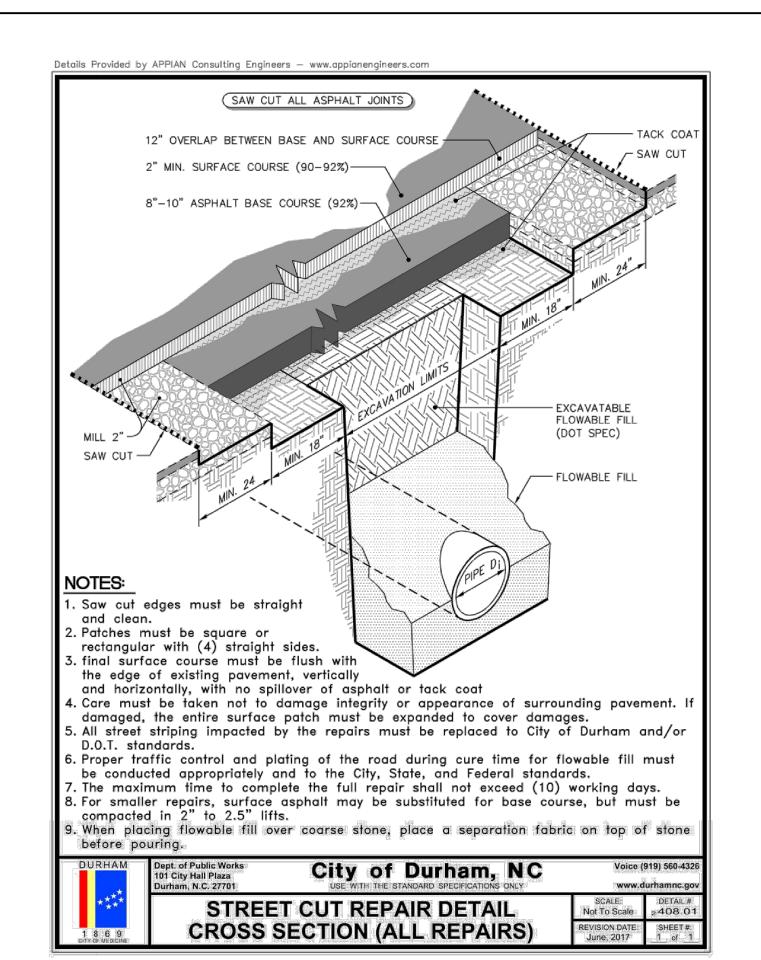
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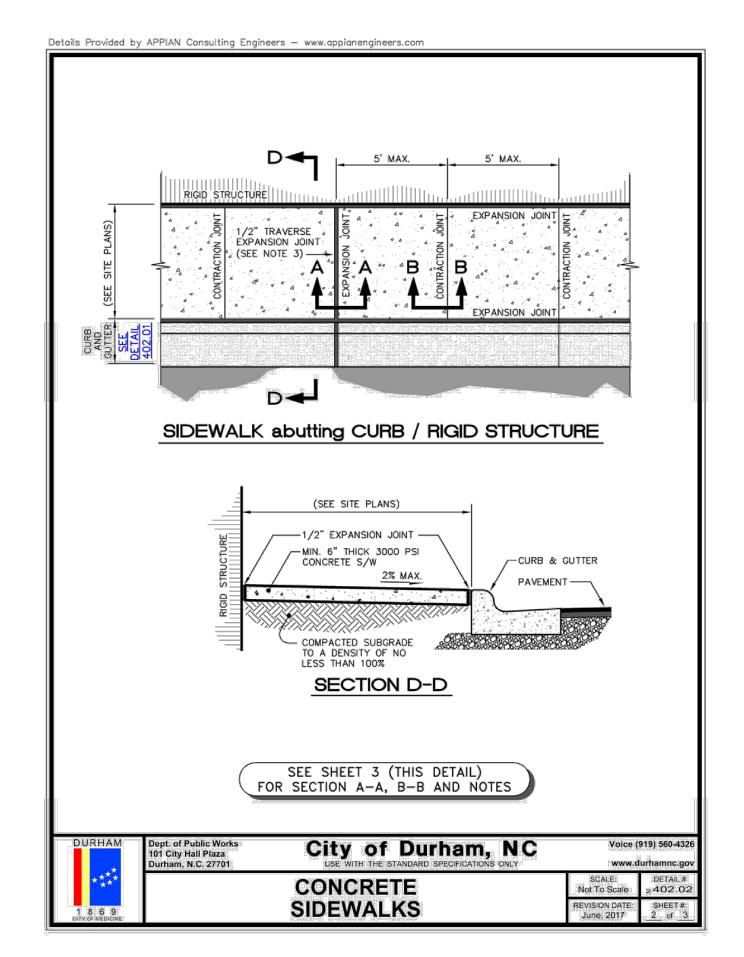
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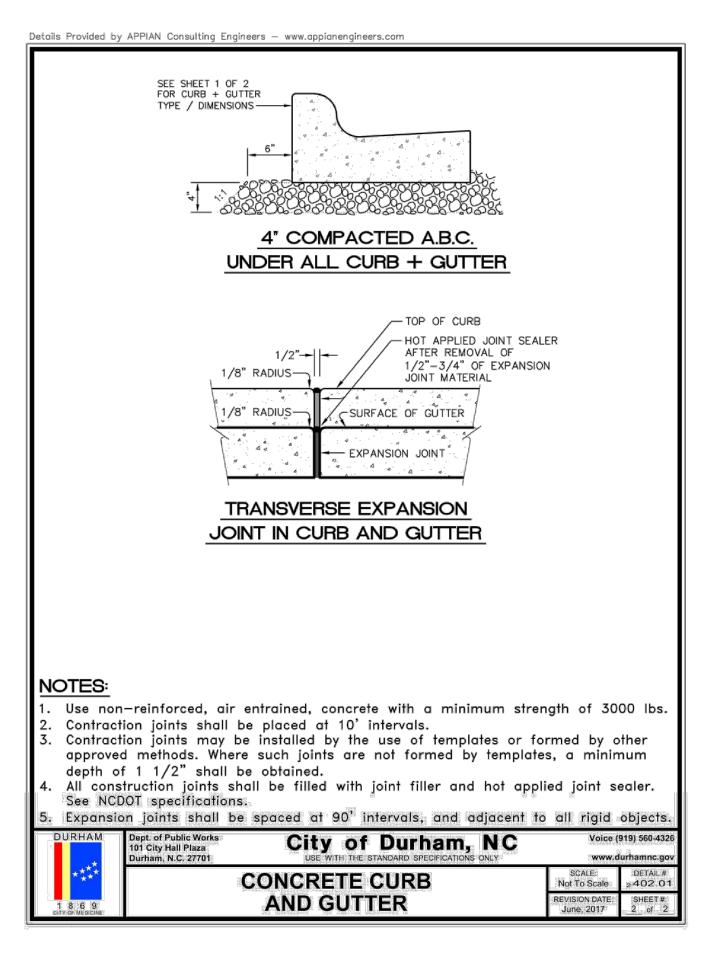
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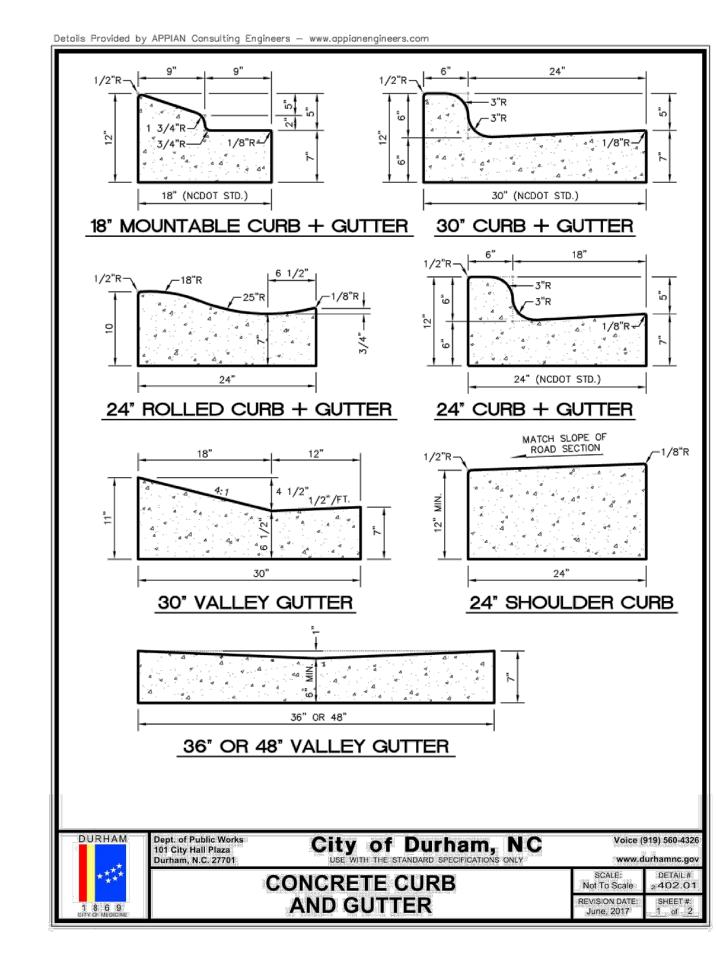
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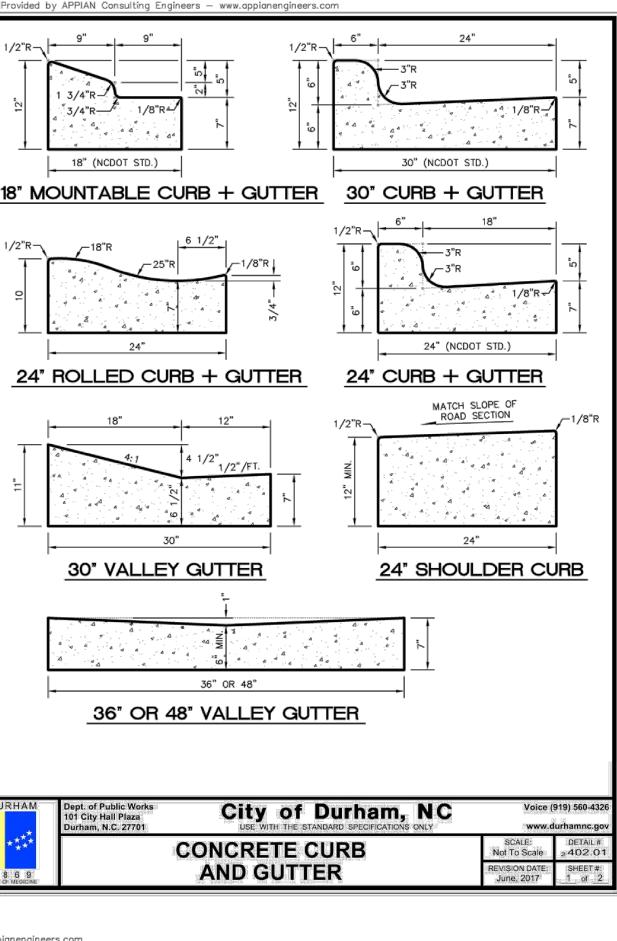
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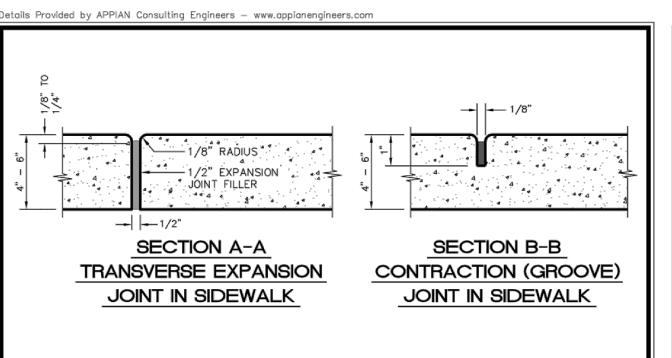












- In addition to complying with Durham standards sidewalks shall conform to NCDOT standards and specifications. In cases where clarifications are needed, the City shall make the determination.
- Contraction (Groove) joints with 1/8" radius shall be placed at 5 foot intervals and be one inch deep with joint filler.
- One half inch (1/2) transverse expansion joints shall be placed at intervals no more than 50 feet and shall match expansion/construction joints in adjacent
- A sealed ½" expansion joint is required where the sidewalk abuts buildings or any rigid structure.
- Joint materials shall limit shrink/swell so post construction installation results in a maximum of 1/4" from flush.
- Concrete compressive strength shall be 3,000 psi in 28 days. Top 6" of subgrade beneath the sidewalk shall be compacted to 100% Standard
- Proctor density. The City may require testing at its discretion. Six inch depth is required at all driveways, intersections (PC to PT), at Handicap ramps, and commercially developed or zoned areas.
- Undercutting of unsuitable subgrade material and/or placement of up to 6 inches of incidental ABC stone may be required to obtain proper bedding. 0. The minimum width of the verge is one foot; otherwise the sidewalk shall abut
- the back of the curb and be six feet wide and six inches thick. 1. Lids for junction boxes, structures, or utility vaults shall be non-skid, meet NCDOT standards, and be submitted to the City for review and approval prior to
- 2. Provide a minimum one foot wide flat area at the back of sidewalks before starting any cut or fill slope.



- 18. To use a median island as a pedestrian refuge area, median islands will be a minimum of 6 feet wide. Construct median islands to provide passage over or through the island.
- 9. Small channelization islands that cannot provide a 5'x5' landing at the top of a curb ramp, will be cut through level with the surface of the street. ). Curb ramps with returned side curbs may be used only where pedestrians would
- not normally walk across the ramp such as where there the adjacent surface is plantings, other non-walking surface, or the side approach is substantially 21. The typical 2'x4' truncated dome pad shall be placed with the short dimension
- (5' max) perpendicular to the curb. See curb ramp typical details. Truncated dome pads shall abutt the back of the curb (ICC/ANSI A117.1 Fig C406.13.2). 22. Curved truncated dome pads are permitted when ramp width is greater than 4
- 23. Color contrast required only when detectable warning plates are employed. (ADA Standards for Accessible Design, section 705, Latest Edition). Recommended Min. light reflectance contrast is 70% (American National Standard ICC/ANSI A117.1 -Standard & Commentary Section 705.3, Latest Edition). Painted surface will not be acceptable. (See note 4).
- 24. Place a 1/2—inch expansion joint where the concrete curb ramp joins/abuts the
- 25. Curb ramps through median islands, single ramps at dual crosswalks or limited right-of-way situations will be handled by special details. Consult with the Town Engineer.
- 26. When construction is on a NCDOT Right-of-Way, construction shall conform to the latest edition of the NCDOT Roadway Standard drawings.
- 27. Construction of curb ramps shall conform to the latest edition of the ICC/ANSI A117. Chapter 4 Accessible Routes.
- 28. Curb ramps shall be provided at locations as shown on plans or as directed by the engineer. Curb ramps shall be located as indicated in these details; however, the location may be adjusted as directed by the engineer where existing light poles, fire hydrants, drop inlets, etc. Affect placement. At these locations, not less
- than 2 feet of full height curb shall be placed between adjacent ramps. 29. Use air entrained 3000 psi concrete with a sidewalk finish in order to obtain a rough non-skid type surface. 30. Crosswalk widths and configuration vary but must conform to traffic design
- 1. Place the inside pedestrian crosswalk lines no closer in the intersection then would be established by bisecting the intersection radii, with an allowance of a 4'x4'
- maneuvering space (2003 ICC/ANSI a117 Commentary, Fig. C406.6 & 406.10) in the vehicular travel way when one ramp is installed. 32. Place all pavement markings in accordance with the latest edition of the Manual
- of Uniform Traffic Control Devices (MUTCD) published by the Federal Highway Administration and the North Carolina Supplement to the MUTCD. 33. For asphalt greenways transition greenway to concrete to enable truncated dome
- placement.

SCALE: DETAIL
Not To Scale 2 405.2

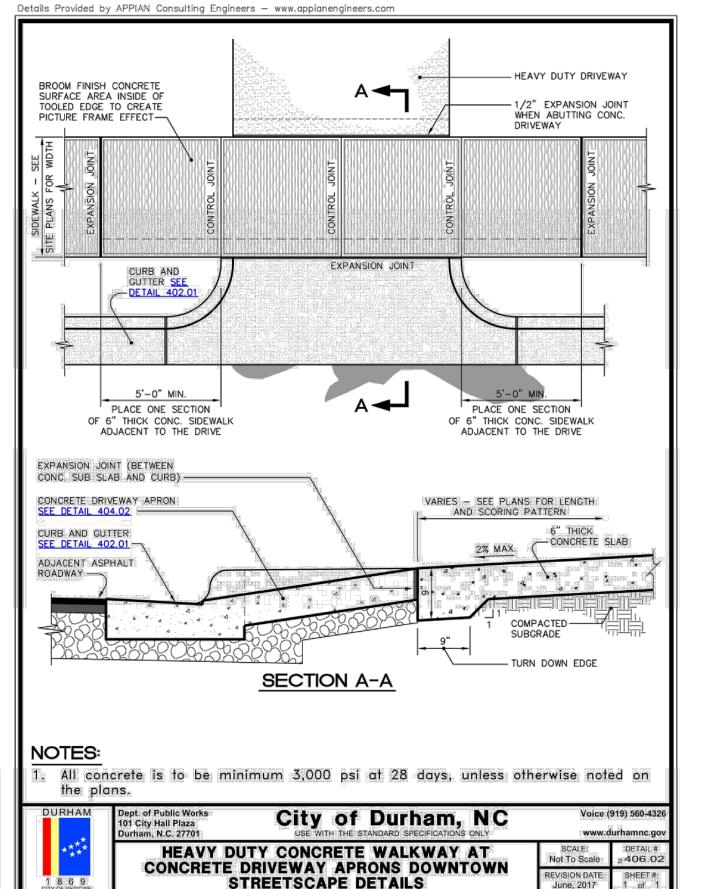
- 34. Concrete must come from a ready mix concrete truck to ensure mix meets air entrainment requirements. No site mix or sakrete mix allowed.
- 35. The longitudinal slope within the crosswalk shall not exceed 5%. Voice (919) 560-43 City of Durham, NC

**CURB RAMP** 

NOTES

- North Carolina General Statute 136-44.14 requires that all street curbs being constructed or reconstructed for maintenance procedures, traffic operations, repairs, correction of utilities or altered for any reason after September 1, 1973 shall provide curb ramps for the physically disabled at all intersections where both curb and gutter and sidewalks are provided and at other points of pedestrian
- In addition, section 228 of the 1973 Federal Aid Highway Safety Act requires provision of curb ramps on any curb construction after July 1, 1976 whether a sidewalk is proposed initially or is planned for a future date.
- The Americans with Disability Act (ADA) of 1990 extends to individuals with disabilities. Comprehensive civil rights protections similar to those provided to persons on the basis of race, sex, national origin and religion under the Civil Rights Act of 1964. These curb ramps have been designed to comply with the current ADA standards (2010 ADA Standards for Accessible Design, dated September 15, 2010 & effective March 15, 2012).
- Curb ramps are required when streets are altered for resurfacing (spanning one intersection to another and includes overlay of additional material to the road surface with or without milling), reconstructed, rehabilitated or widened. Maintenance activities on streets, such as crack filling sealing, pavement markings, surface sealing and pavement patching, are not alterations. However, if there is no block-to-block resurfacing but resurfacing is occurring at a crosswalk itself, partial resurfacing (curb-to-curb resurfacing of a crosswalk) requires the provision of curb ramps at that crosswalk.
- Curb ramps are not required in the absence of a pedestrian walkway with a prepared surface nor are curb ramps required in the absence of curb, elevation or other barrier between the street and the walkway. [USDOJ July 8, 2013]
- Curb ramps are required at all curb returns. Detectable warning domes are required for curb ramps. Single curb ramp at the center of the return are permitted under special
- circumstances. Dimensions assume 90° centerline intersection of streets.
- Construct the ramp surface to be stable, firm and slip resistant. Located and construct the curb ramp type as shown in these details. Curb ramps shall be constructed perpendicular to the roadway travel lane.
- 9. Coordinate the curb ramp and pedestrian crosswalk markings so a 4'x4' clear space at the base of the curb ramp will fall within the pedestrian crosswalk lines. 10. Set back distance from inside corner of an intersection crosswalk marking to
- nearest edge of travel lane is 4 feet minimum. 11. Terminate parking a minimum of 20 feet back of a pedestrian crosswalk. 12. Construct a curb ramps a minimum of 4 feet wide. Width may exceed 4 feet.
- 13. Construct the running slope of the ramp at a maximum of 8.33% (1 : 12). 14. Allowable cross slope on sidewalks and ramps to be a maximum of 2%. 15. Construct the side flare slope to a maximum of 10% measured along the curb
- 16. Construct the counter-slope of the gutter or street at the base of the curb ramp at a maximum of 5% and maintain a smooth transition.
- 17. Construct landings for sidewalk at a minimum of 4'x4' with a maximum slope o 2% in any direction. Construct landings for median islands a minimum of 5'x5' with a maximum slope of 2% in any direction.

Dept. of Public Works 101 City Hall Plaza Durham, N.C. 27701	I I I I I I I I I I I I I I I I I I I	City of Durham, NC USE WITH THE STANDARD SPECIFICATIONS ONLY	000000000000000000000000000000000000000	919) 560-4326 lurhamnc.gov
		CURB RAMP	SCALE: Not To Scale	DETAIL # 2 405.20
		NOTES	REVISION DATE: June, 2017	SHEET# 1 of 2



PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF DURHAM, NCDEQ AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS



A. BLYE **DESIGNED BY** 

09/27/2019

. BALLENTINE CHECKED BY

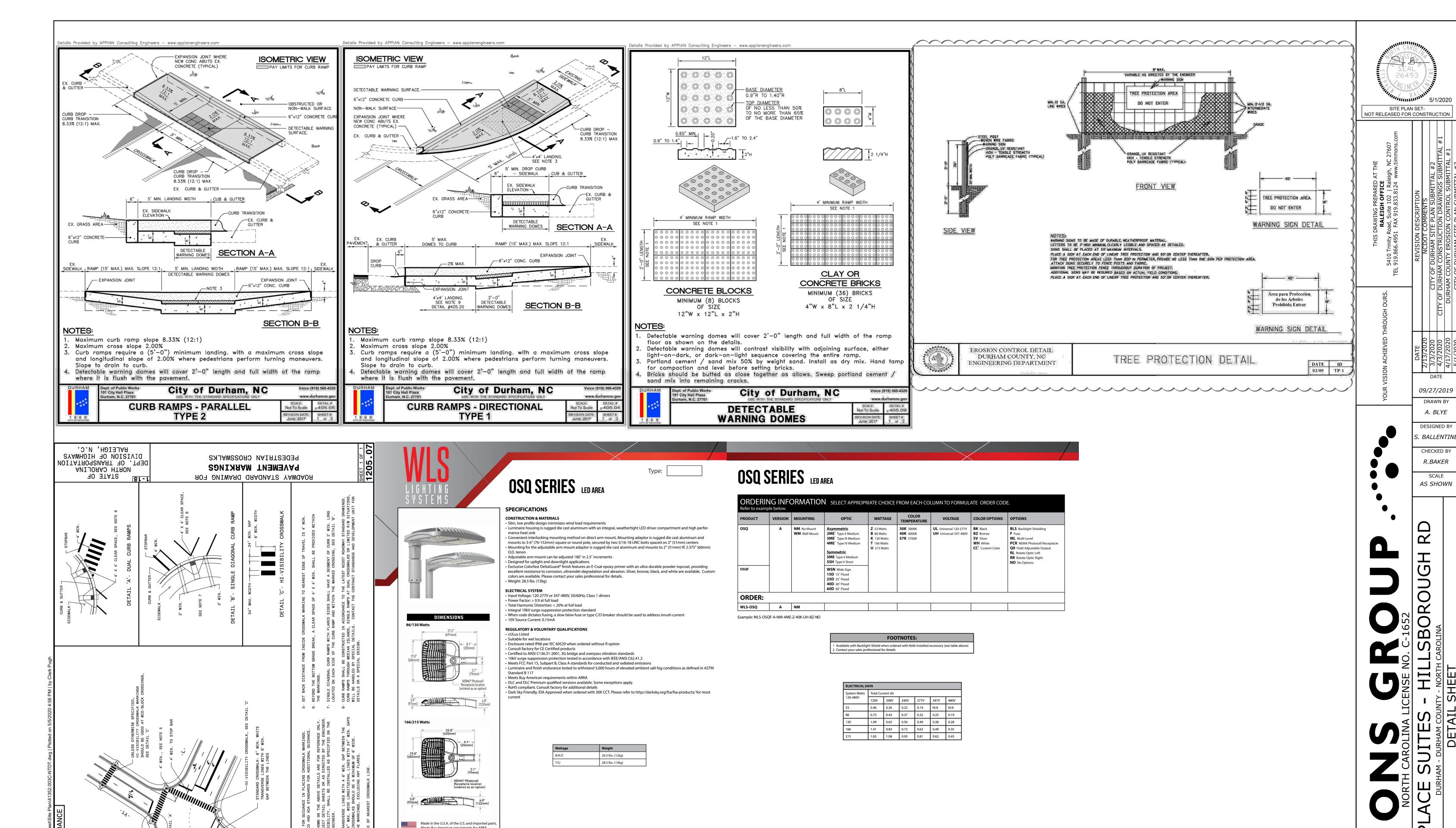
R.BAKER

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1352.003 SHEET NO. C7.1



SYSTEMS

1919 Windsor Place
Fort Worth, TX 76110
800.622.8711

29 REV. 10/18

Meets Buy American requirments for ARRA.

CLIGHTING Fort Worth, TX 76110 LU SYSTEMS 800.622.8711

1919 Windsor Place

www.wlslighting.com

29 REV. 10/18

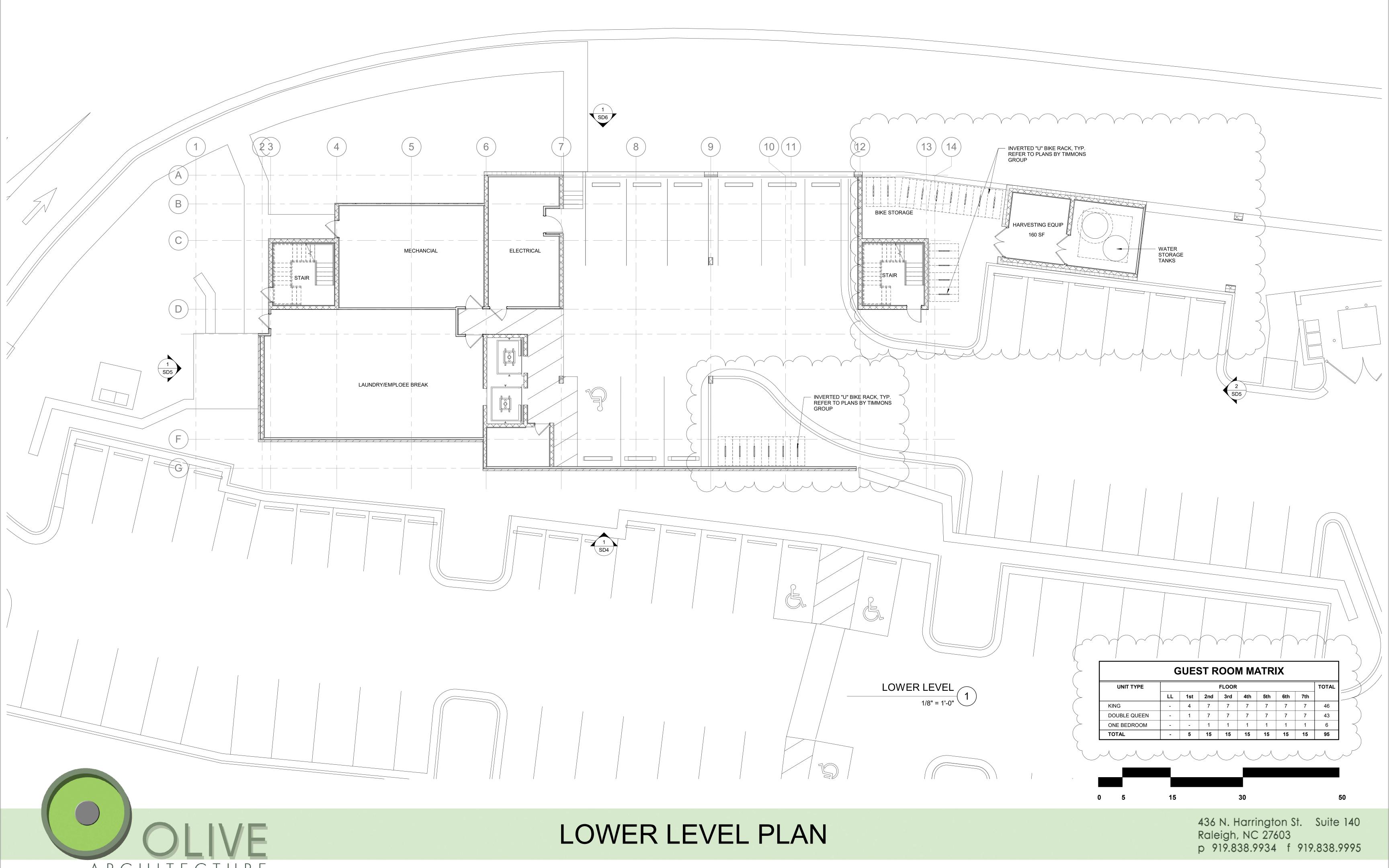
Specifications subject to change without notice.

PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF DURHAM, NCDEQ AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS

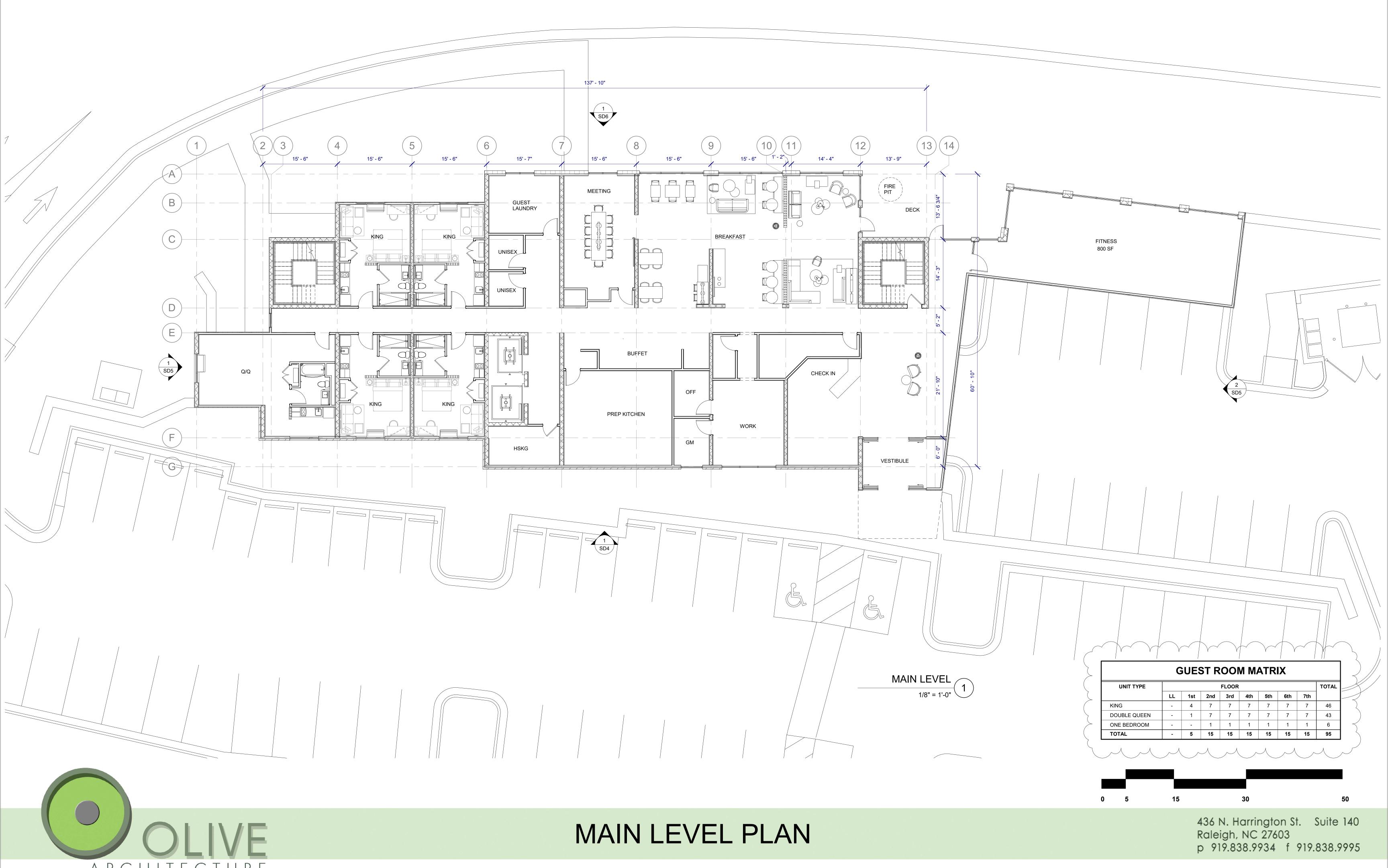
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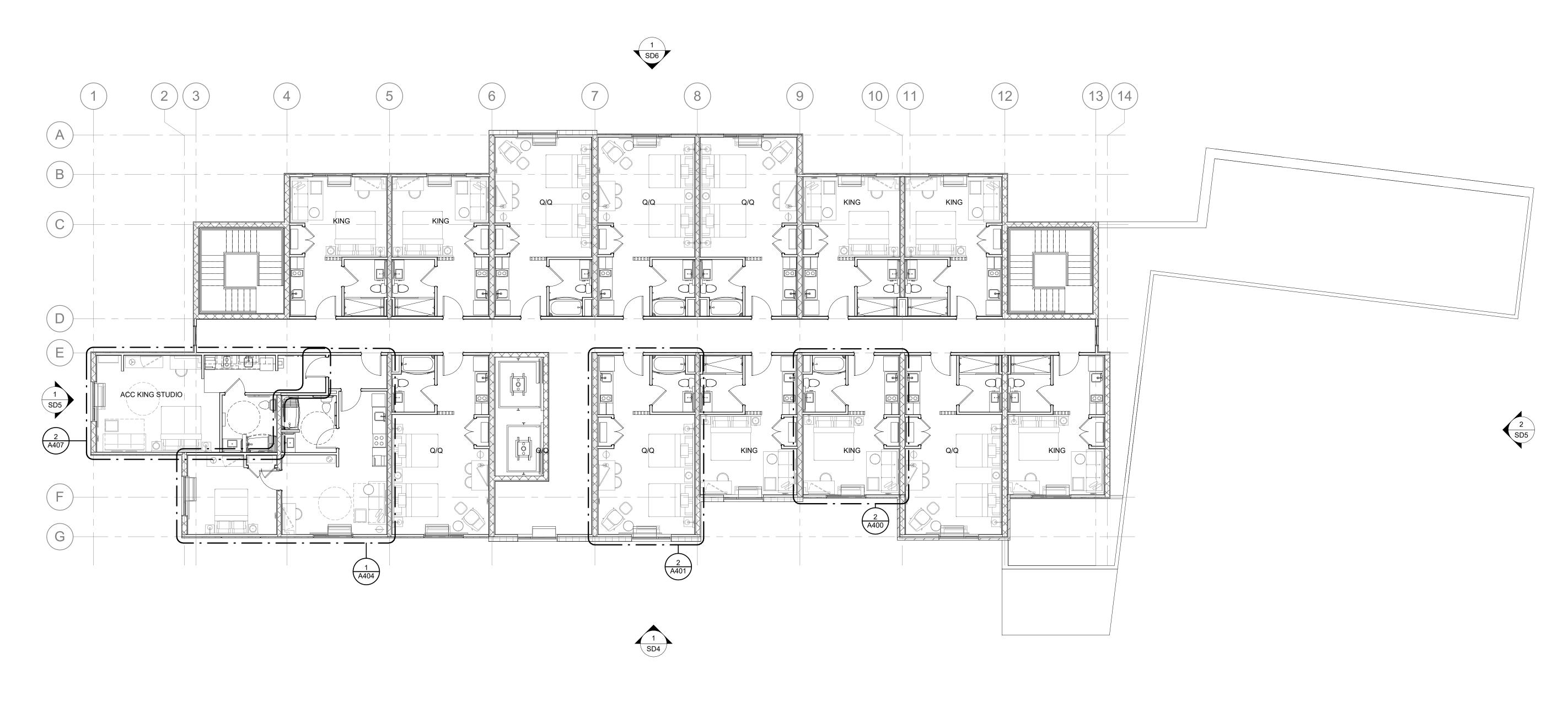
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SD1

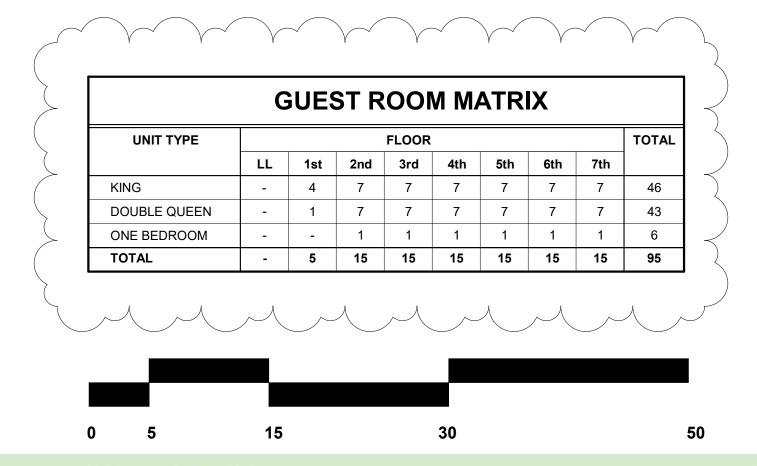


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SD2



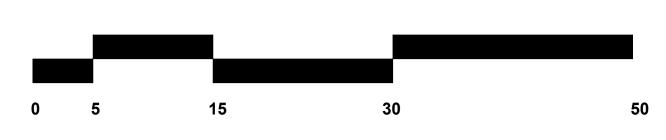






TYPICAL LEVEL PLAN



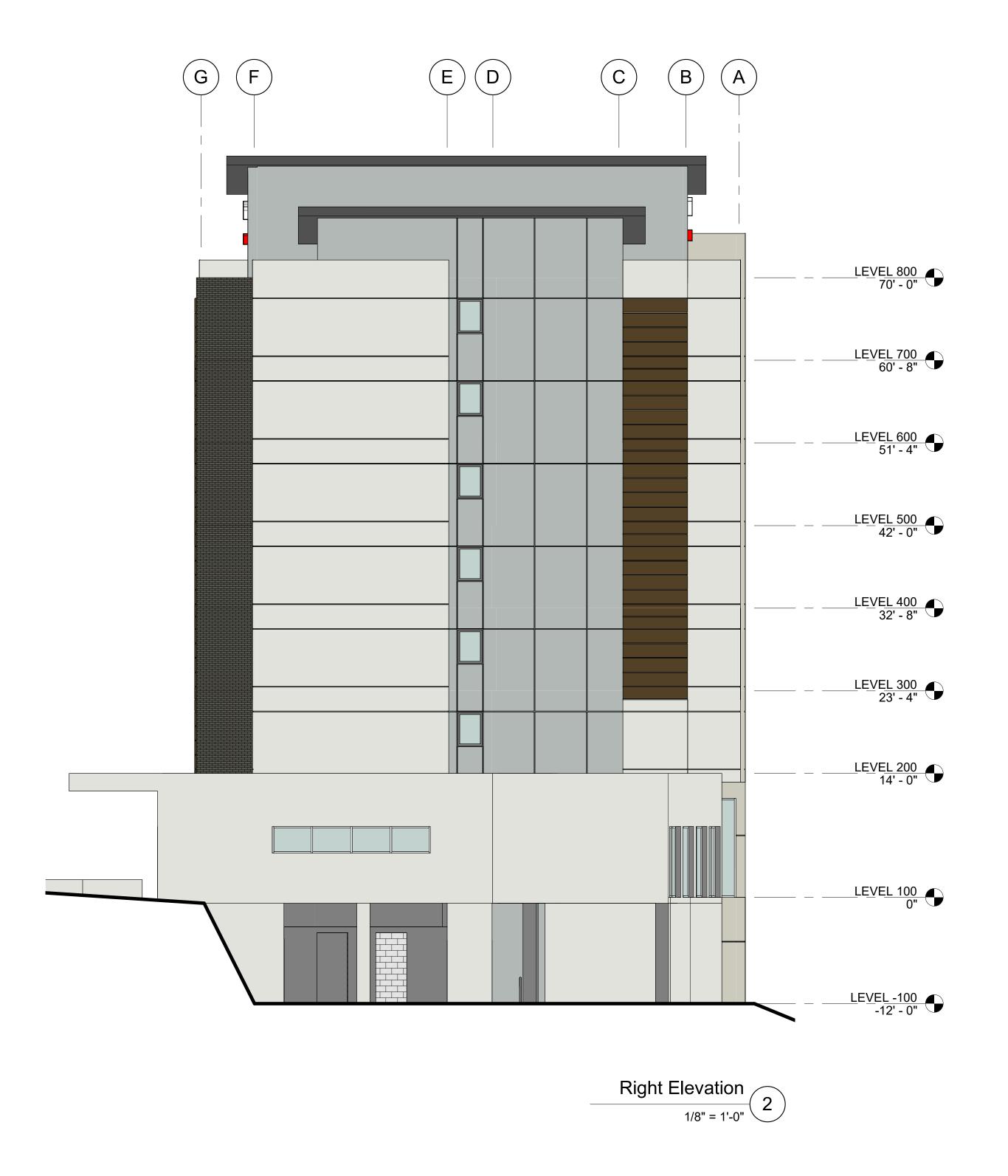


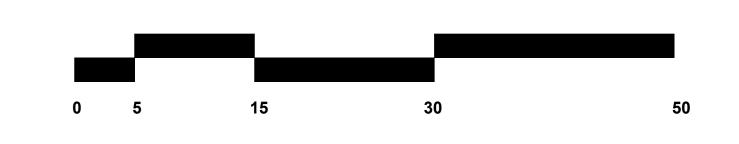
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	TOWNEPLACE SUITES by MARRIOTT				
	EF1	EIFS COLOR 1			
	EF2	EIFS COLOR 2			
	EF3	EIFS COLOR 3			
	EF4	EIFS COLOR 4			
	BK1	BRICK VENEER			



FRONT ELEVATION







EX	EXTERIOR FINISH LEGEND				
	TOWNEPLACE SUITES by MARRIOTT				
	EF1	EIFS COLOR 1			
	EF2	EIFS COLOR 2			
	EF3	EIFS COLOR 3			
	EF4	EIFS COLOR 4			
	BK1	BRICK VENEER			



SIDE ELEVATIONS





EX	EXTERIOR FINISH LEGEND				
	TOWNEPLACE SUITES by MARRIOTT				
	EF1	EIFS COLOR 1			
	EF2	EIFS COLOR 2			
	EF3	EIFS COLOR 3			
	EF4	EIFS COLOR 4			
	BK1	BRICK VENEER			



REAR ELEVATION